



DAVID MOSS GROUP



PRODUCT CATALOGUE

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Quality  
ISO 9001





Quality  
ISO 9001



## USING THIS BROCHURE



David Moss Group (Damos) supply this brochure in the interest of better understanding the product ranges Damos offer. Please contact our sales team if any items you require are not shown in the brochure. Damos can source and supply a wide range of associated products and can manufacture custom products also.

### MEASUREMENTS

All measurements in this brochure are in millimeters (mm) unless otherwise specified. All dimensions and measurements are intended as a guide only and may change without notice. Please contact our sales team if you need more information.

### ABOUT US

6

### DAMOS GAS

16

### DAMOS HIVIS

36



**DIMENSIONS**

**8**

**DAMOS  
PRESSURE**

**10**

**DAMOS  
ELECTRICAL**

**12**

**DAMOS  
COMMS**

**14**

**DAMOS  
RURAL**

**20**

**DAMOS  
SOLABLOC**

**22**

**DAMOS  
FIRE**

**24**

**DAMOS  
NEXGEN  
SYSTEMS**

**26**

**DAMOS  
PVC**

**38**

**DAMOS  
FITTINGS**

**42**

**DAMOS  
SERVICES**

**116**

**DAMOS  
FABRICATION**

**120**

# ABOUT DAMOS



David Moss Corporation manufactures and supplies HDPE and PVC pipe and fittings, underground ventilation systems, screen media and impact resistant wear liners.

DAMOS supplies into a variety of industry sectors, including but not limited to Mining, Industrial, Civil, Irrigation, Utilities, Government, Agricultural and Rural.

Incorporated in 1960 in Perth, Western Australia, David Moss Corporation employ over 140 staff, across 2 manufacturing and fabrication facilities and 3 branch locations; operating via our Perth, Kalgoorlie and Brisbane business units, the organisation offers an Australia wide footprint.

The Perth, Kalgoorlie and Brisbane locations are pivotal in supporting the ever increasing demand for our products nationally and globally.





## OUR VALUES

### Safety

No job worth doing that cannot be done safely  
Lead by example, be proactive and aware  
Safety is everyone's responsibility

### Respect & Integrity

Our word is our bond  
We do what we say we do

### Ownership

We take responsibility for our actions  
We treat the company assets as our own

### Innovation

We do not assume the way we do it is the best way  
We encourage innovation and lateral thinking

### Communication

We communicate in a direct and open manner  
We listen and acknowledge others point of view

# HDPE - POLYETHYLENE PIPE DIMENSIONS AS PER AS/NZS 4130

OD	SDR41/PN4			SDR33/PN5			SDR26/PN6.3			SDR21/PN8			SDR17/PN10			SDR13.6/PN12.5			SDR11/PN16			SDR9/PN20			SDR7.4/PN25			OD
	MEAN BORE	W/T	KG/M	MEAN BORE ID	MIN WALL	KG/M	MEAN BORE	W/T	KG/M	MEAN BORE	W/T	KG/M	MEAN BORE	W/T	KG/M	MEAN BORE	W/T	KG/M	MEAN BORE	W/T	KG/M	MEAN BORE	W/T	KG/M	MEAN BORE	W/T	KG/M	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90
110	104.2	2.7	0.94	102.7	3.4	1.17	110.8	4.3	1.46	98.7	5.3	1.78	110.8	6.6	2.17	92.8	8.1	2.63	88.9	10.0	3.16	84.0	12.3	3.80	78.1	15.1	4.52	110
125	118.3	3.1	1.23	116.7	3.9	1.51	114.8	4.8	1.84	112.3	6.0	2.27	109.3	7.4	2.77	105.5	9.2	3.39	100.9	11.4	4.10	95.5	14.0	4.90	88.9	17.1	5.82	125
140	132.5	3.5	1.54	130.8	4.3	1.88	128.5	5.4	2.33	125.8	6.7	2.85	122.4	8.3	3.48	118.2	10.3	4.24	113.2	12.7	5.12	106.9	15.7	6.16	99.5	19.2	7.31	140
160	151.5	4.0	2.00	149.6	4.9	2.43	146.8	6.2	3.05	143.7	7.7	3.73	139.9	9.5	4.55	135.1	11.8	5.54	129.2	14.6	6.72	122.3	17.9	8.02	113.9	21.9	9.52	160
180	170.6	4.4	2.48	168.3	5.5	3.07	165.4	6.9	3.80	161.8	8.6	4.69	157.4	10.7	5.75	151.9	13.3	7.03	145.4	16.4	8.49	137.6	20.1	10.15	128.2	24.6	12.04	180
200	189.6	4.9	3.06	186.8	6.2	3.85	183.7	7.7	4.72	179.7	9.6	5.81	174.9	11.9	7.09	169.0	16.0	8.62	161.6	18.2	10.47	152.8	22.5	12.56	142.5	27.3	14.85	200
225	213.3	5.5	3.87	210.4	6.9	4.79	206.8	8.6	5.93	202.2	10.8	7.34	196.7	13.4	9.00	190.0	16.6	10.95	181.8	20.5	13.25	172.1	25.1	15.84	160.2	30.8	18.82	225
250	236.8	6.2	4.84	233.7	7.7	5.94	229.7	9.6	7.34	224.9	11.9	8.99	218.8	14.8	11.03	211.2	18.4	13.49	202.2	22.7	16.30	191.3	27.9	19.53	178.0	34.2	23.23	250
280	265.4	6.9	6.00	261.8	8.6	7.43	257.4	10.7	9.16	251.7	13.4	11.35	245.0	16.6	13.85	236.6	20.6	16.90	226.5	25.4	20.43	214.1	31.3	24.55	199.4	38.3	29.13	280
315	289.7	7.7	7.54	294.5	9.7	9.42	289.4	12.1	11.76	283.4	15.0	14.26	275.6	18.7	17.54	266.1	23.2	21.43	254.8	28.6	25.86	240.9	35.2	31.06	224.6	43.0	36.8	315
355	336.6	8.7	9.59	332.0	10.9	11.91	326.3	13.6	14.74	319.4	16.9	18.10	310.5	21.1	22.33	300.0	26.1	27.16	287.2	32.2	32.83	271.1	39.6	39.36	253.0	48.5	46.76	355
400	379.3	9.8	12.16	374.0	12.3	15.17	367.7	15.3	18.70	359.7	19.1	23.08	350.1	23.7	28.22	338.1	29.4	34.45	323.6	36.3	41.68	306.0	44.7	50.04	285.2	54.6	59.31	400
450	426.8	11.0	15.34	420.9	13.8	19.11	413.7	17.2	23.64	404.7	21.5	29.19	393.8	26.7	35.76	380.3	33.1	43.63	364.0	40.9	52.78	344.4	50.2	63.25	320.7	61.5	75.14	450
500	474.0	12.3	19.09	467.7	15.3	23.57	459.7	19.1	29.16	449.7	23.9	36.02	437.7	29.6	44.05	422.6	36.8	53.84	404.5	45.4	65.13	382.7	55.8	78.07	-	-	-	500
560	531.1	13.7	23.78	523.7	17.2	29.66	514.9	21.4	36.55	503.8	26.7	45.08	490.1	33.2	55.34	473.3	41.2	67.55	453.2	50.8	81.59	428.6	62.5	97.94	-	-	-	560
630	597.5	15.4	30.08	589.3	19.3	37.42	579.2	24.1	46.32	566.9	30.0	56.94	551.5	37.3	69.93	532.6	46.3	85.38	509.7	57.2	103.38	482.2	70.3	123.94	-	-	-	630
710	673.3	17.4	38.28	664.1	21.8	47.55	652.7	27.2	58.87	638.7	33.9	72.50	621.4	42.1	88.94	600.2	52.2	108.47	574.4	64.5	131.32	543.3	79.3	157.53	-	-	-	710
800	758.7	19.6	48.54	748.4	24.5	60.24	735.6	30.6	74.56	719.8	38.1	91.90	700.3	47.4	112.78	676.4	58.8	137.59	647.5	72.5	166.44	612.3	89.3	199.87	-	-	-	800
900	853.7	22.0	61.22	841.9	27.6	76.31	827.6	34.4	94.31	809.8	42.9	116.28	787.5	53.5	143.14	760.8	66.2	174.31	728.3	81.7	210.80	-	-	-	-	-	-	900
1000	948.4	24.5	75.80	935.6	30.6	93.99	919.6	38.2	116.37	899.7	47.7	143.66	875.3	59.3	176.32	847.6	72.5	212.30	810.4	90.2	258.81	-	-	-	-	-	-	1000
1200	1138.1	29.4	109.12	1122.8	36.7	135.20	1103.5	45.9	167.60	1079.7	57.2	206.78	1057.3	67.9	242.87	1014.6	88.2	309.58	809.0	90.9	378.17	-	-	-	-	-	-	1200
1400	1327.6	34.4	148.90	1309.8	42.9	184.29	1288.1	53.2	226.80	1259.8	66.7	281.16	1226.8	82.4	343.03	1183.8	102.9	421.19	971.0	109.1	514.74	-	-	-	-	-	-	1400
1600	1517.4	39.3	194.15	1497.0	49.0	240.51	1471.1	61.3	298.48	1439.8	76.2	367.17	1402.2	94.1	447.74	1352.9	117.6	550.15	-	-	-	-	-	-	-	-	-	1600
1800	1707.9	43.8	243.60	1685.4	54.5	330.16	1654.7	69.1	378.48	1619.9	85.7	464.40	1577.5	105.9	566.61	-	-	-	-	-	-	-	-	-	-	-	-	1800
2000	1897.4	48.8	301.50	1872.6	60.6	371.99	1838.4	76.9	467.69	1799.9	95.2	573.30	1752.9	117.6	699.20	-	-	-	-	-	-	-	-	-	-	-	-	2000

SDR - Nominal ratio of outside diameter to wall thickness | PN - Pressure rating at 20°C (Mpa multiplied by 10) AS/NZS 4130:2003

All pipe sizes and SDR's highlighted in orange utilise premium resins designed specifically for the manufacture of large OD or thick wall pipe.



PIPE CAPACITY OF TRUCKS					
COILS		STRAIGHT LENGTHS SDR17 - 20M			
SIZE	COILS PER TRUCK	SIZE	LENGTHS	SIZE	LENGTHS
50mm x 150m	56	110	483	400	38
63mm x 100m	42	125	380	450	30
75mm x 100m	36	140	304	500	24
90mm x 100m	30	160	230	560	19
110mm x 100m	20	200	150	630	15
125mm x 100m	12	225	114	710	11
140mm x 100m	9	250	94	800	9
160mm x 80m	12	280	76	900	6
		315	61	1000	6
		355	48	1200	4

PLEASE NOTE: These are average quantities only. Some trucks may be able to carry more lengths, while some will carry less depending on bolster/gate height. Please also note: extendible trucks maybe subject to weight (21,500 kgs) rather the number of pipes.

PIPE COIL DIMENSIONS				
PIPE DIAMETER	COIL			
	OUTSIDE DIAMETER	INSIDE DIAMETER	WIDTH	LENGTH M
20	1200	800	220	200
25	1400	800	220	200
32	1440	800	220	200 (up to 2000)
40	1520	800	220	150 (up to 1500)
50	1800	1000	250	150 (up to 1000)
63	1930	1300	300	100 (up to 750)
75	2100	1500	375	100 (up to 500)
90	2620	1900	360	100 (up to 300)
110	3000	2200	440	100 (up to 250)
125	3250	2570	500	60 (up to 100)
140	3400	2570	600	60 (up to 100)
160	3402	2570	640	100

PLEASE NOTE: The following dimensions are based on volume and not weight. To be used as a guide only.

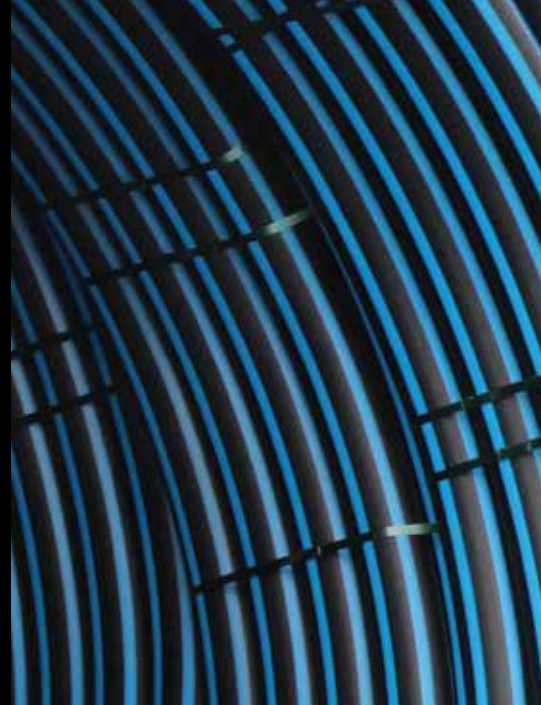
## HDPE 100 PRESSURE PIPE SYSTEMS



David Moss Corporation manufactures and supplies HDPE pressure pipes from 20mm to 1200mm, and from SDR 41 to SDR 7.4, to AS/NZS 4130.

We also offer a comprehensive range of connection systems including electrofusion, mechanical, compression, butt welded fittings, stub flanges and backing rings.

Our extensive range includes moulded and fabricated fittings, and incorporates multi-bends, elbows, wye junctions, t junctions, inverted (scour) tees, forged moulded tees, reducing tees, and complete spool packages produced from isometric drawings.





DAMOS are a leading manufacturer of HDPE pipe, servicing both the Australian and international markets.




HDPE pipe is ideal for various applications due to its durability, flexibility and light weight characteristics. This pipe is available in straight lengths from 6 to 25 metres and coils from 20mm to 180mm diameter.



### ADVANTAGES:



- Advantages to be changed to the below
- Zero leak rate
- Lightweight
- Environmentally sustainable
- Corrosion and chemical resistant
- Reduced life cycle costs
- Greater hydraulic capacity
- Reduced contraction and expansion
- Exceptional for trenchless installations
- Adaptability
- Long life expectancy
- Reduced anchorage loads
- More resistance to collapse under vacuum effect
- Quicker installation and easier handling on site

LIQUID OR GAS	MARKER COLOUR	PIPE STYLE
Potable Water	 Blue	Black pipe with blue stripe
Recycled/Reclaimed Water	 Lilac	Black pipe with lilac/purple stripe
Sewer	 Cream	Black pipe with cream stripe

# HDPE & PVC ELECTRICAL PIPE SYSTEMS



David Moss Corporation supplies a full range of PE electrical conduit coils for your directional drilling applications.

Electrical HDPE coils are available in 50mm, 63mm, 90mm, 110mm, 140mm and 160mm OD's, and come in 80m, 100m and 150m lengths as standard. Electrical PVC straight lengths are 4M long and are available in 50mm, 65mm, 80mm, 100mm and 150mm OD's.

Special sizes and lengths can be manufactured to suit your project requirements.

Fabricated bends, adaptors, fittings and accessories are also available.



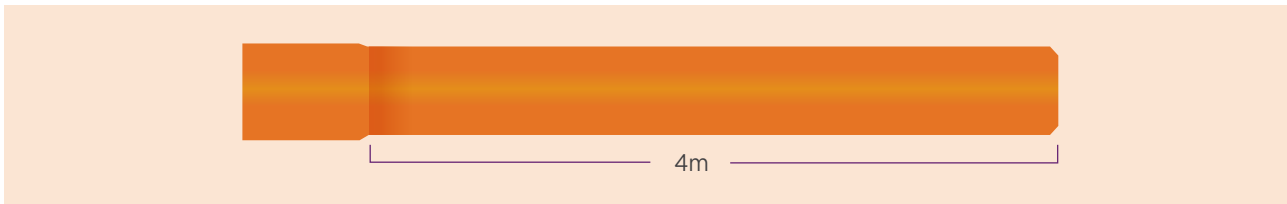


### HDPE ELECTRICAL CONDUIT (ORANGE)

OUTSIDE DIAMETER	PN12.5	COIL LENGTH	WEIGHT (KG)	PRODUCT CODE
50	HD	150m	82.5	PE5013150CO
63	HD	100m	87	PE6313100CO
90	HD	100m	175	PE9013100CO
110	HD	100m	263	PE11013100CO
125	HD	100m	339	PE12513100CO
140	HD	100m	424	PE14013100CO
160	HD	80m	443.2	PE1601380CO
160	HD	100m	554	PE16013100CO

### COMPRESSION COUPLING

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20	-	10	ACP20
25	-	10	ACP25
32	-	10	ACP32
40	-	5	ACP40
50	-	5	ACP50
63	-	2	ACP63



### PVC ELECTRICAL CONDUIT (ORANGE)

4M LENGTHS							
NOM OD SIZE	DMIN	DMAX	MEAN BORE	AV WALL	WEIGHT KG/M	PACK SIZE (STICKS)	PRODUCT CODE
50	49.7	50	42.6	3.7	0.78	280	QCHD504
65	62.7	63	54.6	4.2	1.15	210	QCHD654
80	88.7	89.1	79.1	5	1.95	104	QCHD804
100	114.1	114.5	104.7	4.8	2.4	81	QCHD1004
150	160	160.5	142.7	8.8	6.1	45	QCHD1504

## COMMS PIPE SYSTEMS



David Moss Corporation supplies a full range of HDPE communication conduit coils for directional drilling applications, and PVC conduit lengths for open trenching applications.

Communications coils are available in 63mm and 110mm OD.

Special sizes and lengths can be manufactured to suit your project requirements.

Fabricated bends, adaptors, fittings and accessories are also available.



## COMMUNICATION CONDUIT (WHITE)

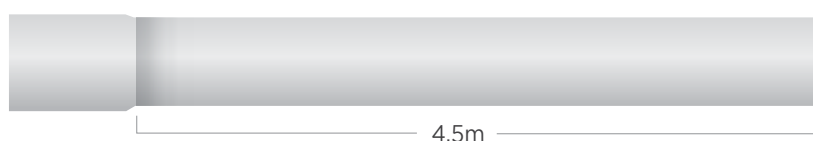
OUTSIDE DIAMETER	COIL LENGTH M	CLASS 9 PRODUCT CODE
63	140	PC639140CW
110	100	PC1109100CW



## PVC COMMUNICATION CONDUIT (WHITE)

### 6M LENGTHS

Nom OD Size	Dmin	Dmax	Mean Bore	Av Wall	Weight kg/m	Product Code
50	60.1	60.45	53.15	3.65	0.8	QCC506
100	113.62	114.2	105.2	4.5	2.31	QCC1006



## AUSCOMM

### 4.5M LENGTHS

Nom OD Size	Dmin	Dmax	Mean Bore	Av Wall	Weight kg/m	Product Code
50	60.1	60.45	53.15	3.65	0.8	QTC5045
100	113.62	114.2	105.2	4.5	2.31	QTC10045

## HDPE SUBDUCT (BLACK)

OUTSIDE DIAMETER	LENGTH	TELSTRA CODE	CLASS PRODUCT CODE	PRODUCT CODE
32	500	-	6	PC3217500BK

## GAS PIPE SYSTEMS



David Moss supplies a range of Network approved PE Pipe and Electrofusion Fittings. Pipes include 20mm, 40mm, 63mm, 110mm, 160mm and 225mm manufactured to AS/NZS 4130.

Pipes are available in coils and straight lengths. Electrofusion machines, welding machines and accessories are also available.







# HDPE GAS PIPE SYSTEMS

Damos manufactures a range of high grade HDPE pipe, designed for use in oil and gas systems, where leak-free solutions are a must. Our products provide a high resistance to chemicals and corrosion, thus making HDPE ideal for gas and pressurised pipelines.

**ADVANTAGES:**

- Zero leak rate
- Lightweight and flexible
- Environmentally sustainable
- Corrosion and chemical resistant
- Excellent flow characteristics
- Exceptional for trenchless installations
- Reduced movement on tailings dam walls & racks
- Long life expectancy
- More resistance to collapse under vacuum effect
- Easier to handle in longer lengths

## HDPE GAS PIPE - YELLOW STRIPE (WA ONLY)

NOMINAL OUTSIDE DIAMETER	SDR	LENGTH	WEIGHT (KG)	PRODUCT CODE
20	11	100	11	PG2011100SY
20	11	200	22	PG2011200SY
25	11	100	17	PG2511100SY
25	11	200	34	PG2511200SY
40	11	6	2.58	PG40116SY
40	11	100	43	PG4011100SY
63	11	6	6.3	PG63116SY
63	11	100	105	PG6311100SY
110	11	6	18.96	PG110116SY
110	11	50	158	PG1101150SY
110	11	100	316	PG11011100SY
160	11	6	40.32	PG160116SY
160	11	12	80.64	PG1601112SY
160	11	80	537.6	PG1601180SY
225	11	12	159	PG2251112SY
225	11	20	265	PG2251120SY

## HDPE GAS PIPE - CO-EX YELLOW (WA ONLY)

NOMINAL OUTSIDE DIAMETER	SDR	LENGTH	WEIGHT (KG)	PRODUCT CODE
110	17	6	13.02	PG110176CY
110	17	50	108.5	PG1101750CY
110	17	100	217	PG11017100CY
160	17	6	27.3	PG160176CY
160	17	12	54.6	PG1601712CY
160	17	80	364	PG1601780CY
225	17	12	108	PG2251712CY
315	17	12	210.48	PG3151712CY

## HDPE GAS PIPE

NOMINAL OUTSIDE DIAMETER	SDR	LENGTH	WEIGHT (KG)	PRODUCT CODE
16	11	100	8	PG1611100SY
16	11	400	32	PG1611400SY
20	11	100	11	PG2011100SY
20	11	200	22	PG2011200SY
25	11	100	17	PG2511100SY
32	11	50	13.5	PG321150SY
32	11	100	27	PG3211100SY
40	11	50	21.5	PG401150SY
40	11	100	43	PG4011100SY
40	11	150	64.5	PG4011150SY
50	11	6	4.02	PG50117SY
50	11	100	67	PG5011100SY
63	11	6	6.3	PG63117SY
63	11	50	52.5	PG631150SY
63	11	100	105	PG6311100SY
90	11	7	12.78	PG90117SY
90	11	100	213	PG90111100SY
110	11	6	18.96	PG110116SY
110	11	12	37.92	PG1101112SY
110	11	100	316	PG11011100SY
125	11	12	49.2	PG1251112SY
160	11	12	80.64	PG1601112SY
180	11	12	101.88	PG1801112SY
225	11	6	79.5	PG225116SY
225	11	12	159	PG2251112SY



## RURAL PIPE SYSTEMS



DAMOS manufacture and supply a large range of HDPE pipe and fittings for the rural industry sector, manufactured to cope with the harsh Australian climate, DAMOS Rural product range features both pipes and comprehensive range of compression fittings.

Our products are ideal for rural settings due to their durability, flexibility and light weight characteristics.

Our pipe is available in Red Stripe (AS 2698.2), Green stripe and DAMOS Rural Solablock. Provided mainly in coils from 100M to 300M, we also offer custom lengths of coils and straight lengths as bespoke orders.





## GREEN STRIPE

NOMINAL SIZE (INCH)	COIL LENGTH (M)	WEIGHT	PRODUCT CODE
3/4	200	18.6	PR20200SG
1	200	30	PR25200SG
1 1/4*	150	30 each (60 pack)	PR32150SG
1 1/4	300	60	PR32300SG
1 1/2*	150	42.17 each (84.34 pack)	PR40150SG
1 1/2	300	84.33	PR40300SG
2*	100	52 each (104 pack)	PR50100SG
2	200	104	PR50200SG

\* Available in packs of two.

## RED STRIPE

NOMINAL SIZE (INCH)	COIL LENGTH (M)	WEIGHT	PRODUCT CODE
3/4	200	28	PR20200SR
1	200	34.5 each (69 pack)	PR25200SR
1 1/4*	150	69	PR32150SR
1 1/4	300	49.5 each (99 pack)	PR32300SR
1 1/2*	150	99	PR40150SR
1 1/2	300	57 each (99 pack)	PR40300SR
2*	100	114	PR50100SR
2	200	228	PR50200SR

\* Available in packs of two.

## SOLABLOC CO-EXTRUDED WHITE HDPE PIPE



Over time, the effects of the sun's ultraviolet (UV) radiation can degrade plastic. Designed for use in high temperatures and ideal for above ground installations, our PE100 pipe is manufactured with a highly reflective white external skin which significantly reduces heat absorption.

During manufacture the white outer layer is co-extruded with the inner black pipe wall and forms an integral part of the pipe.

Extensive testing has proved that heat absorption is greatly reduced, whilst maintaining UV stability, compared to standard black PE pipe under the same conditions.

As with all the pipe in our range, our Solabloc pipe range is manufactured to meet or exceed the specifications of AS/NZS 4130: PE Pipes for Pressure Applications.





DAMOS manufacture and supply co-extruded HDPE pipe ranging from 20mm to 1200mm in diameter and coils from 40mm to 160mm diameter, available from SDR33 to SDR 7.4.

Designed for High Temperature service, DAMOS Solabloc pipe was developed to tackle the common issues that arise with HDPE pipe being used in high temperature environments.

David Moss Corporation utilise advanced extrusion technologies to apply a white external coating to the conventional black pipe, thus providing a semi reflective coating, that inhibits the amount of radiation absorption.

UV and Radiation absorption have drastic impacts on both the life span of the pipeline, and the pipelines ability to run at maximum pressure for its full design life, there are also strict deregulation standards applied to pipelines that are supplied in solid black.

With this in Mind DAMOS Solabloc was developed to allow asset owners and pipeline designers to improve the efficiency, extend the design life and lower the maintenance cycle and running cost of their pipelines.



### ADVANTAGES:



- Designed for use in high temperatures
- Reduced temperature rise in contents conveyed
- Thinner pipe means lower purchase cost
- Greater hydraulic capacity
- Reduced contraction and expansion
- Reduced movement on tailings dam walls & racks
- Reduced anchorage loads
- More resistance to collapse under vacuum effect
- Easier to handle in longer lengths

### RADIATION ABSORPTION:

STANDARD BLACK PE PIPE	95%
CO-EXTRUDED PE PIPE	41%

## FIRE MAIN SYSTEMS



David Moss Corporation supply a range of HDPE pipe for below ground fire mains applications, designed specifically to for this application, the fire mains HDPE pipe is available in straight lengths of 6m and 12m.

Fire mains HDPE pipe is offered in 40mm, 63mm, 125mm, 180mm, 250mm and 315mm, all as a SDR11.

A first choice product for asset owners, consultants and contractors DAMOS Fire mains pipe is manufactured in accordance with AS/NZS 4130.







# HDPE FIRE MAIN PIPE SYSTEMS

Damos manufacture a range of HDPE pipe and fittings for underground fire mains. Our products are designed as the reliable choice for protection against fire due to its superior elements of corrosion and chemical resistance, no-biodegradable properties and integrity.

## ADVANTAGES:



- Zero leak rate
- Lightweight and flexible
- Non-biodegradable
- Corrosion and chemical resistant
- Excellent flow characteristics
- Exceptional for trenchless installations
- Reduced movement on tailings dam walls & racks
- Long life expectancy
- More resistance to collapse under vacuum effect
- Easier to handle in longer lengths

## FIRE MAINS - RED STRIPE

SDR 11

NOM OD SIZE	LENGTH	PN	PRODUCT CODE
40	6	16	P40116SR
40	100	16	P4011100SR
63	100	16	P6311100SR
125	6	16	P125116SR
125	12	16	P1251112SR
180	6	16	P180116SR
180	12	16	P1801112SR
250	6	16	P250116SR
250	12	16	P2501112SR
315	6	16	P315116SR
315	12	16	P3151112SR

# NEXGEN SYSTEMS



Conventional polyethylene pipe cannot perform as well in extreme conditions, or when faced with highly abrasive material transfer; nor will it fulfil the clients ultimate design and performance requirements. This has challenged polyethylene producers, to develop advanced solutions, in order to provide systems for these ultra abrasive and harsh applications with Damos's advanced technology,

Damos NexGen Wear-Tuff is a performance innovation with much greater pressure and abrasion resistance, leading to a maximum pipe performance beyond PE100 for sustainable future.

Wear Tuff	27
HSCR	31
DAMOS Low Slump/Anti Sag Resins	33
HDR	34





# WEAR-TUFF

**10% THICKNESS REDUCTION**

**FASTER WELDING INSTALLATION**

**GREATER FLOW VOLUME**

**IMPROVED PROJECT EFFICIENCY**

## THE INNOVATION

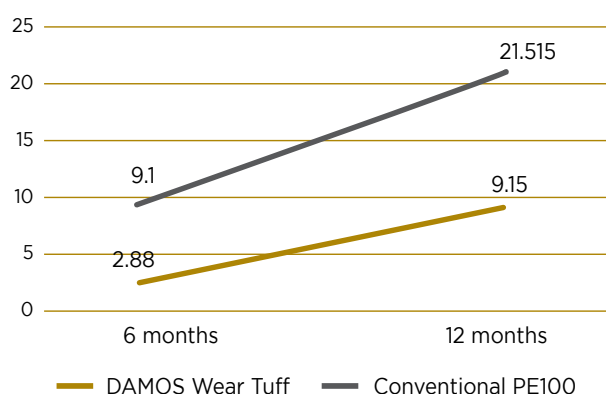
DAMOS NexGen Wear-Tuff is a performance innovation with the ability to run at greater pressures, whilst featuring better abrasion resistance; leading to a maximum pipe performance beyond the capabilities of HDPE100.

## CUSTOMER VALUES

Damos NexGen Wear-Tuff is not only a material innovation, it also creates a number of benefits to customers, asset owners and operators, due to its ease of installation, cost efficiency and design life.



**Thickness loss after 6 and 12 months of pipe usage (mm)**



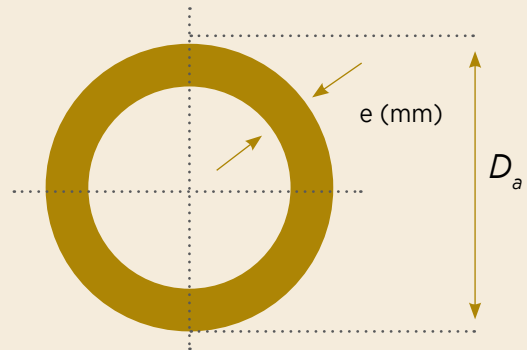
## SUSTAINABLE DEVELOPMENT

Damos NexGen Wear-Tuff has been created through intense research and development phases, in order to provide a material with higher performance than traditional PE100. The results of this higher performance means that the NexGen Wear-Tuff will provide longer service life, and higher durability, resulting in less material consumption and more sustainable manufacturing processes.

## 10% HIGHER PRESSURE WITHSTANDING



Operating pressure has a direct relationship with inherent thickness and strength of the material (highlighted in the equation opposite). With a MRS of 11.2MPa, DAMOS NexGen Wear-Tuff, is able to achieve an operating pressure 10% greater than conventional PE100; whilst utilising a wall thickness which is 10% less than conventional PE100.

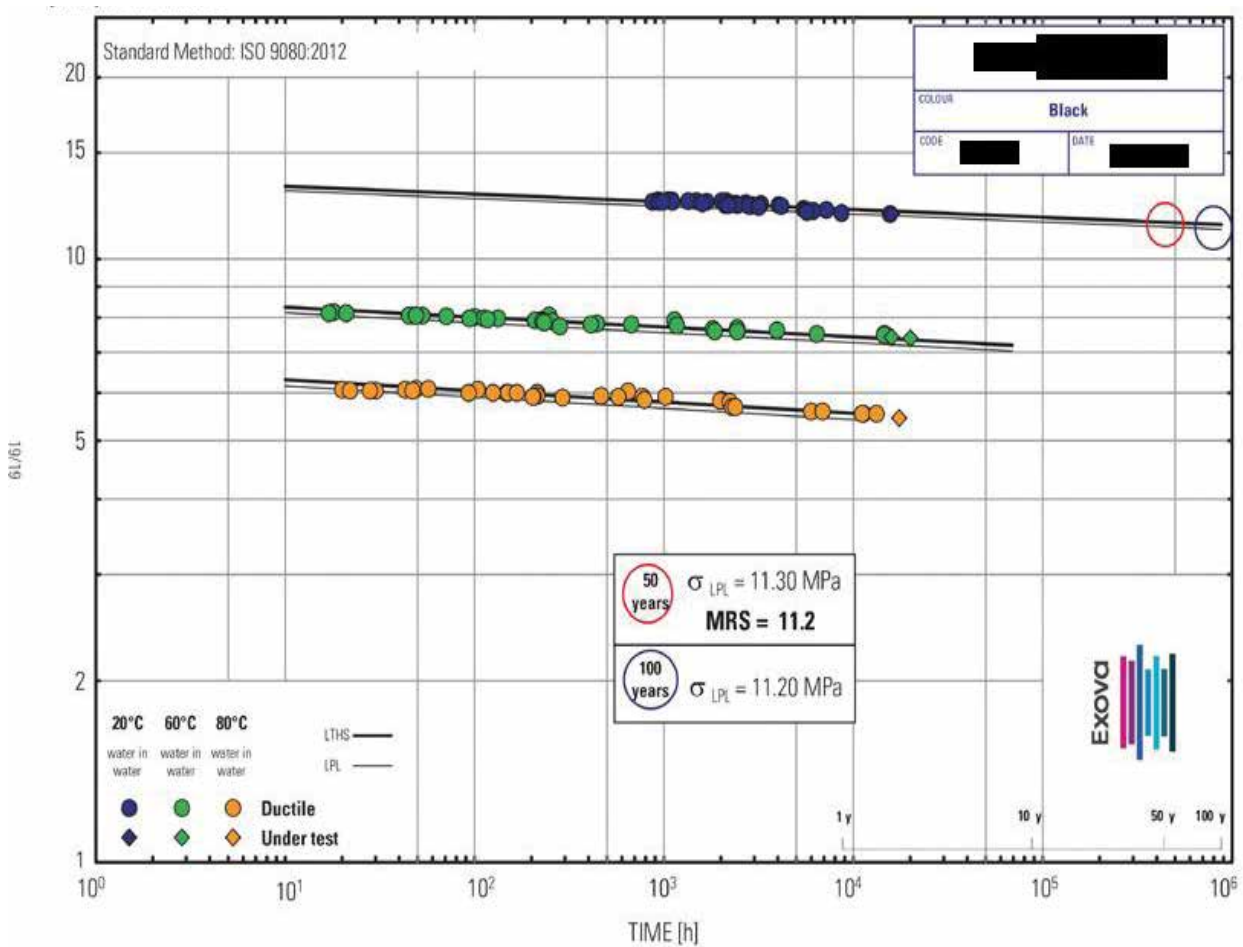


$$MOP = \frac{20 (MRS)}{C \times (SDR - 1)} \quad SDR = \frac{D_a}{E_n}$$

**Remarks:**

MOP = Maximum Operating Pressure (bar)    SDR = Standard Dimension Ratio  
 MRS = Minimum Required Strength        C = Safety Factor  
 $D_a$  = Diameter (mm)                         $e_n$  = Nominal Wall Thickness (mm)

### (MPa) HOOP STRESS



Exova Materials Technology  
 Plastic Pipes  
 EXOVA/P-15/07  
 2015-02-05  
 Appendix C.2

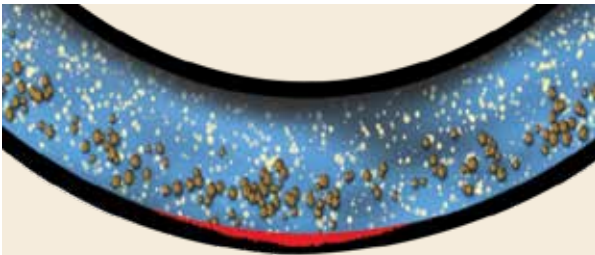
## 50% HIGHER ABRASION RESISTANCE



HDPE is used in a range of pipeline applications within the mining industry, most commonly for tailings and water management pipelines in not open pit and underground mining. Tailings pipelines are used to transfer highly abrasive sedimentary slurry, hence a great deal of focus is placed on a high level of abrasion resistance in these applications.



From technical studies and mining simulation software analysis, Damos NexGen Wear-Tuff shows a **50% greater abrasion resistance than traditional PE 100**.

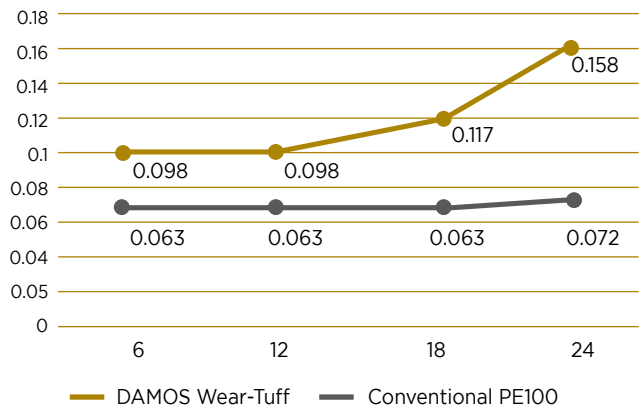


### Sand Slurry Test

Method modified from the Saskatchewan Erosion Studies

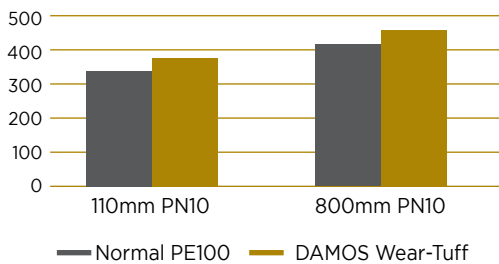
- Silica sand slurry (48 mesh, 0.5-1.0mm, 25% by weight)
- Velocity of slurry 4.0 m/s
- The wear rates were measured in terms of thickness loss by using ultrasonic equipment

Average Thickness Loss with Time



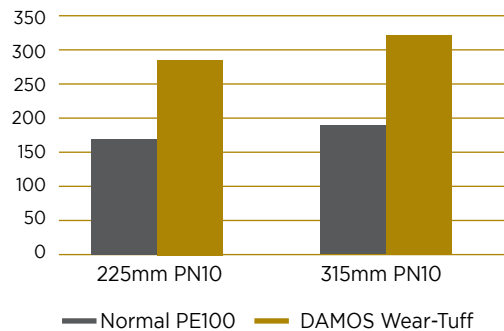
Damos NexGen Wear-Tuff is able to achieve higher production efficiencies, through being able to produce a 10% greater output of material, thus leading to shorter project times and higher capital savings.

Comparison of Output



Machine brand: Battenfeld-Cincinnati

Comparison of Output



Machine Brand: Shanghai Sanlei

## TECHNICAL INFORMATION

GRADE	DAMOS WEAR-TUFF	METHOD
COLOUR	BLACK	
CLASIFICATION	MRS 11.2MPa	ISO 12162:2009 ISO 9080:2012
MELT FLOW RATE (190°C, 5kg)	0.17 g/10min	ISO 1133:2011
DENSITY COMPOUND	0.960 g/cm	ISO 1183-1:204(A)
TENSILE STRENGTH AT YIELD	24MPa	ISO 527-2:2012
RESISTANCE TO SLOW CRACK GROWTH	>1,000 HOURS	ISO 13477:2009
RESISTANCE TO RAPID CRACK PROPAGATION(RCP)	>10 BAR	ISO 13477:2008
STANDARD COMPLIANCE	ISO 4427-1 / EN 12201-1 ISO4437-1 / EN 1555-1 AS/NZ 4131 / ASTM D3350	



## WALL THICKNESS TABLE

Nominal O.D	PN 4/ SDR45.5		PN 5/SDR36		PN 6.3/ SDR29.7		PN 8/ SDR23.4		PN 10/SDR19		PN 12.5/ SDR15		PN 16/ SDR12.2		PN 20/SDR10		PN 25/ SDR 8	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
20																		
32																		
40																		
50							2.1	2.5	2.6	3.0	3.3	3.7	4.1	4.6				
63							2.7	3.1	3.3	3.8	4.1	4.6	5.2	5.8				
75							3.2	3.6	4.0	4.5	4.9	5.5	6.1	6.9				
90							3.8	4.3	4.8	5.3	5.9	6.6	7.4	8.2				
110	2.4	2.7	3.0	3.4	3.7	4.2	4.7	5.3	5.8	6.5	7.2	8.0	9.0	10.0	11.0	12.2	13.5	14.9
125	2.7	3.1	3.4	3.8	4.2	4.8	5.3	6.0	6.6	7.4	8.2	9.1	10.2	11.4	12.6	13.9	15.3	16.9
140	3.1	3.5	3.8	4.3	4.8	5.3	6.0	6.7	7.4	8.2	9.1	10.1	11.5	12.7	14.1	15.6	17.1	19.0
160	3.5	3.9	4.3	4.9	5.4	6.1	6.8	7.6	8.5	9.4	10.4	11.6	13.1	14.5	16.1	17.8	19.6	21.6
180	3.9	4.4	4.9	5.5	6.1	6.8	7.7	8.6	9.5	10.6	11.7	13.0	14.8	16.3	18.1	20.0	22.0	24.3
200	4.4	4.9	5.4	6.1	6.8	7.6	8.5	9.5	10.6	11.7	13.0	14.4	16.4	18.1	20.1	22.2	24.5	27.0
225	4.9	5.5	6.1	6.8	7.6	8.5	9.6	10.7	11.9	13.2	14.7	16.2	18.4	20.4	22.6	24.9	27.5	30.4
250	5.5	6.1	6.8	7.6	8.5	9.4	10.7	11.9	13.2	14.6	16.3	18.0	20.5	22.6	25.1	27.7	30.6	33.8
280	6.1	6.8	7.6	8.5	9.5	10.6	12.0	13.3	14.8	16.4	18.3	20.2	23.0	25.3	28.1	31.0	34.3	37.8
315	6.9	7.7	8.6	9.5	10.7	11.9	13.5	14.9	16.6	18.4	20.5	22.7	25.8	28.5	31.6	34.9	38.6	42.5
355	7.8	8.6	9.6	10.7	12.1	13.4	15.2	16.8	18.8	20.7	23.1	25.6	29.1	32.1	35.6	39.3	43.5	47.9
400	8.7	9.7	10.9	12.0	13.6	15.0	17.1	18.9	21.1	23.4	26.1	28.8	32.8	36.2	40.2	44.3	49.0	54.0
450	9.8	10.9	12.2	13.5	15.3	16.9	19.2	21.3	23.8	26.3	29.3	32.4	36.9	40.7	45.2	49.8	55.1	60.7
500	10.9	12.1	13.6	15.0	17.0	18.8	21.4	23.6	26.4	29.2	32.6	36.0	41.0	45.2	50.2	55.3		
560	12.2	13.5	15.2	16.8	19.0	21.0	23.9	26.4	29.6	32.7	36.5	40.3	45.9	50.6	56.2	61.9		
630	13.8	15.2	17.1	18.9	21.4	23.6	26.9	29.7	33.3	36.7	41.1	45.3	51.6	56.9	63.3	69.7		
710	15.5	17.2	19.3	21.3	24.1	26.6	30.3	33.5	37.5	41.4	46.3	51.0	58.2	64.1	71.3	78.5		
800	17.5	19.3	21.7	24.0	27.2	30.0	34.2	37.7	42.3	46.6	52.2	57.5	65.6	72.2	80.3	88.5		
900	19.7	21.7	24.4	27.0	30.6	33.7	38.5	42.4	47.6	52.4	58.7	64.7	73.8	81.2				
1000	21.8	24.1	27.1	30.0	34.0	37.5	42.7	47.1	52.9	58.2	65.2	71.8	82.0	90.3				
1200	26.2	28.9	32.6	35.9	40.8	44.9	51.3	56.5	63.4	69.9	78.2	86.2	98.4	108.3				

# DAMOS HSCR

## PE100 WITH EXCEPTIONAL STRESS CRACK RESISTANCE

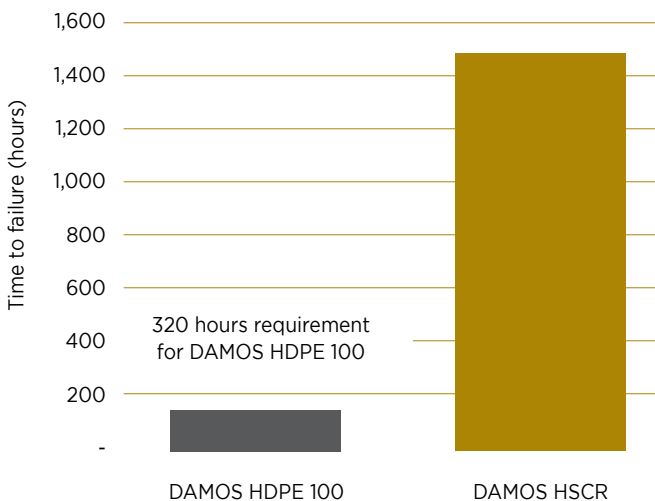
DAMOS HSCR is a PE100 resin with high stress crack resistance and is a new class of PE100 material. DAMOS HSCR has many times greater stress crack resistance than standard PE100 resin. DAMOS HSCR enables you to work with your designer to achieve more efficient pipelines, longer lasting pipe networks or reduced installation costs.



### REDUCED WALL THICKNESS

- Slow crack growth initiation can lead to brittle failure. DAMOS HSCR has increased resistance to slow crack growth initiation.
- The potential to downgauge pipe (reduce wall thickness) can be made possible with the appropriate use of design factors and “fit-for-purpose” design methodology.
- Downgauging decreases costs while increasing efficiency. Reduced material usage lowers pipe costs, while improved flow decreases pumping costs.

### Stress Crack Resistance Performance Hessel Accelerated Creep Test



### LOWER INSTALL COST

- DAMOS HSCR has increased resistance to slow crack growth initiation which can be caused by scratches and notches during installation.
- DAMOS HSCR can withstand deeper notches reducing the risk of impacting upon pipe service life when compared to standard PE100 grades.
- DAMOS HSCR can enable installation using lower cost backfill. The high stress crack resistance of DAMOS HSCR reduces the risk of crack initiation due to point loads associated with these installation methods.



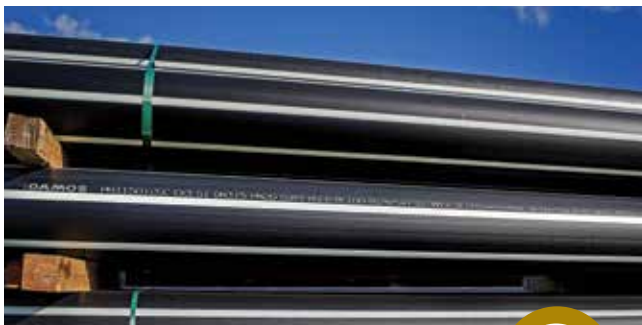
### INCREASED SERVICE LIFE

- The exceptional resistance to slow crack growth of DAMOS HSCR can lead to increased pipe service life, lower maintenance costs and reduced replacement rates.
- There is the potential for stress concentration to initiate slow crack growth wherever “squeeze-off” is used to manage pipeline flows for planned or emergency maintenance. DAMOS HSCR increases resistance to the initiation of slow crack growth wherever these stress concentrators are present.

# DAMOS HSCR

## WORLD-CLASS PE100 GRADE FOR PRESSURE PIPE

DAMOS HSCR is designed to meet or exceed the key performance requirements for hydrostatic strength (MRS10), slow crack growth resistance (SCGR) and resistance to rapid crack propagation (RCP). Over many years, the mining, water and gas industries have taken advantage of the proven world class performance of DAMOS HSCR, using it in pressure pipe in large volumes.

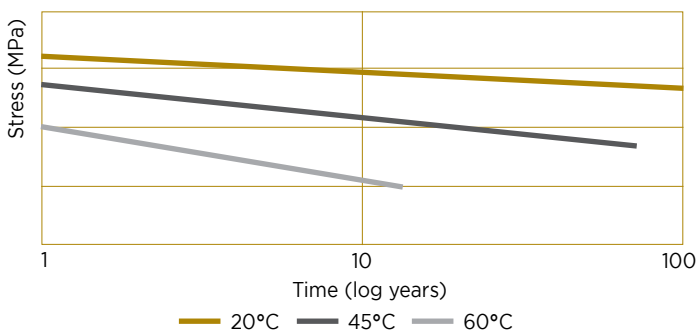


### BEYOND MINIMUM REQUIRED STRENGTH (MRS)



For DAMOS pipe grades, we maintain Pipe Pressure data beyond the minimum requirements of the PE100 standard. Working with DAMOS Technical Service, your pipe design can be optimised to achieve;

- Maximum lifetime design
- Elevated usage temperature

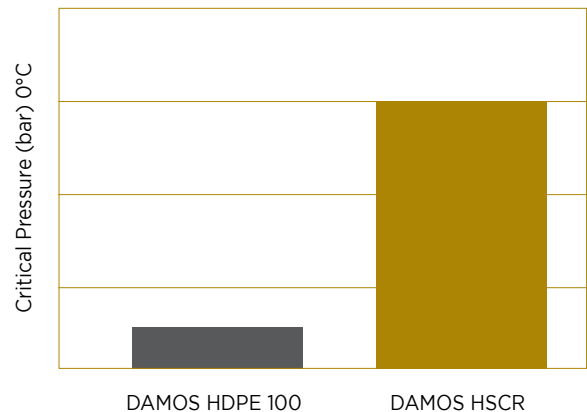


### HIGH RESISTANCE TO RAPID CRACK PROPAGATION (RCP)



DAMOS HSCR has passed Rapid Crack Propagation (RCP) tests at critical pressures well above the requirements of the standard. RCP performance data for sub-zero application temperature is also available. RCP performance enables pipe designers to specify:

- Lower in-use temperatures
- Higher safety margins for fluid containment





# DAMOS LOW SLUMP/ANTI SAG RESINS

DAMOS has a proud and long standing reputation for the production of large diameter thick walled pipe ( $\geq 60\text{mm}$ ). Using advanced manufacturing processes and modern extrusion technology DAMOS NexGen Low slump resins, allow us to expand our range of applications for HDPE pipes into new markets and industry segments, whilst utilising our 50 years of experience and track record of manufacturing large bore, heavy wall pipe for major projects.



## ULTRA LOW SAG PERFORMANCE



The exceptional melt strength performance means DAMOS Low Slump/Anti Sag Resins is capable of producing pipe of wall thickness greater than 80mm. This opens up new applications to PE100 pipe and allows manufacturers to access new markets. Designers are able to consider using PE100 in applications usually reserved for steel and concrete.

## EXCELLENT PIPE DIMENSIONAL STABILITY



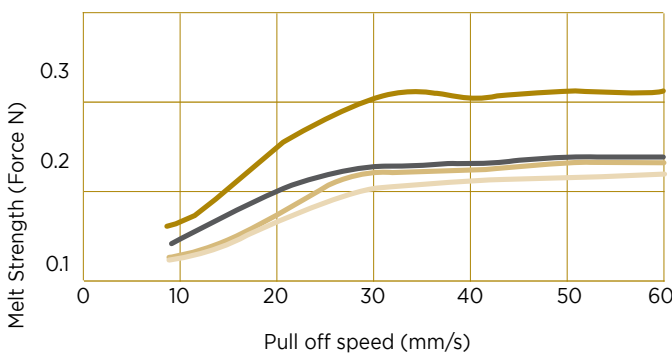
High melt strength results in excellent pipe dimensional stability. DAMOS Low Slump/Anti Sag Resins minimises wall thickness variation and reduces rework resulting in:

- Raw material saving
- Optimal pipe installation efficiency

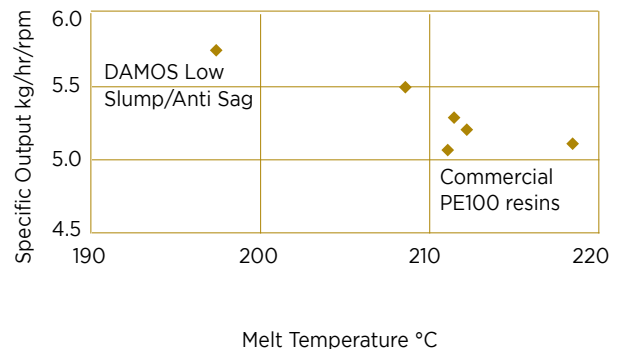
## HIGHER SPECIFIC OUTPUT AND COOLER MELT TEMPERATURES



The market leading extrusion performance of DAMOS Low Slump/Anti Sag Resins allows DAMOS to increase outputs and efficiency. Production capacity can be expanded through the higher extrusion rates enabled by the properties DAMOS Low Slump/Anti Sag Resins. Cooling limited sites can substantially increase line speed.



— DAMOS Low Slump/Anti Sag — Commercial PE100 resins



# DAMOS HDR

**DAMOS HDR (DAMOS HSCR + Disinfectant Resistant) is a high density polyethylene (HDPE) PE 100 compound for pipes and fittings. Developed to tackle the ever changing challenges faced by water distribution network asset owners, DAMOS HDR is designed to cope with Elevated temperatures and more aggressive chemical disinfection systems.**

Working in conjunction with the major water utilities across ANZ, DAMOS HDR aids the water utilities to preserve the quality of drinking water, whilst also improving the performance and life span of the pipes and fittings delivering the end product to the rate payer.

In addition, DAMOS HDR offers excellent resistance to slow crack growth, meaning it is also an ideal choice for HDD, and trenchless installations. DAMOS HDR is fully compliant to existing standards for drinking water pipelines ISO 4427.

Manufactured using modern extrusion technology, DAMOS presently manufacture DAMOS HDR pipe from DN25 to DN1200, from SD41 to SDR 7.4. To complement the DAMOS manufactured HDR pipe, we also manufacture HDR fittings, including Stub flanges, Long spigot Stub flanges, Wye Junctions, Sweep bends, Pull Tees, Fabricated equal tees, and Inverted (Scour) Tees.

All DAMOS HDR products are manufactured to AS/NZS 4130 and AS/NZS 4131.



PHYSICAL PROPERTIES	TEST METHOD	Hostalen CRP 100 RCD black
Melt Flow Rate (190°C/5kg)	ISO 1133-1	0.23 g/10min
Density	ISO 1183-1	0.958 g/cm <sup>3</sup>
Tensile Modulus (23°C)	ISO 527-1,2	1100 MPa
MRS Classification	ISO 9080	10 MPa
FNCT (80°C/4MPa/2%N100)	ISO 16770	> 8760 h
NPT (80°C/9.2 bar)	ISO 13479	> 5000 h
S4-Test @ 0°C, Ø250x22.8mm	ISO 13477	> 10 bar

*Note: Typical properties, not to be considered as specifications.*

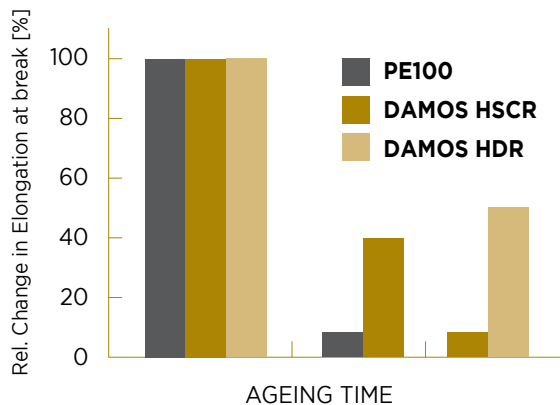
## ADVANTAGES:



- Heightened resistance to chlorinated disinfectants, when compared to standard HDPE100
- High resistance to slow crack growth
- Enhanced Durability
- Improved Service life
- Copes well with external point loads
- Reduced installation costs by embracing HDD and Trenchless installation
- Excellent Weld ability

### NOL ring test after aging in ClO<sub>2</sub> under stress

Cond.:40°C / 2ppm ClO<sub>2</sub> / 7MPa Circumferential stress



## RANGE

Well Suited ✓ Very Well Suited ✓✓

INSTALLATION	APPLICATION	DAMOS WEAR TUFF	DAMOS HSCR	DAMOS HDR
<b>TRENCH</b>	Water Distribution	✓	✓✓	✓✓
	Gas Distribution	✓	✓✓	✓
	Mining Slurry	✓✓	✓	✓
	Large bore, thick wall	✓✓	✓	✓
<b>TRENCHLESS</b>	Slip lining	✓	✓✓	✓
	Plough In	✓	✓✓	✓
	HDD	✓	✓✓	✓
	HDD Large Bore	✓✓	✓✓	✓

\*Categories are based on the typical performance requirements of the application listed and serve as a guide only.



## SEWER HI-VIS HDPE PIPE SYSTEMS



Damos manufacture and supply a large range of Hi-Vis pipes and fittings purposely designed for the waste water industry.

Our pipe technology provides great reflective ability for video inspection, as well as durability, flexibility and light weight characteristics.





### HI-VIS HDPE PIPE - GREY STRIPE

NOM OD SIZE	SDR	LENGTH	MEAN BORE	AV WALL	WEIGHT KG/M
110	21	6	98.7	5.6	1.78
110	21	12	98.7	5.6	1.78
160	21	6	143.7	8.1	3.73
160	21	12	143.7	8.1	3.73
160	17	12	139.9	10.1	4.55
250	21	12	224.9	12.6	8.99
250	17	12	218.8	13.2	11.03
315	21	12	283.4	15.8	14.26

Damos can manufacture and supply Hi-Vis HDPE pipe in additional sizes up to 630mm in diameter.

For more information please contact our sales team.



## PVC PRESSURE PIPE SYSTEMS



DAMOS manufacture and supply PVC pipes from 50mm OD to 250mm OD in both U-PVC and M-PVC, featuring class 9, 12, 16, 18 and 20. DAMOS produce PVC pipes in standard 6M lengths and are approved by all Australian State Network providers.

DAMOS PVC pipes are manufactured to AS/NZS 1477 and AS/NZS 4765, and in the case of series 2 PVC come as standard with a Rubber Ring Joint (RRJ) style socket.

DAMOS PVC pipes are the go to pipes for any of Australia's water authorities, and are ideal for trench style installations, due to their simplicity and ease of installation and their extremely low rates of leaks and failure.

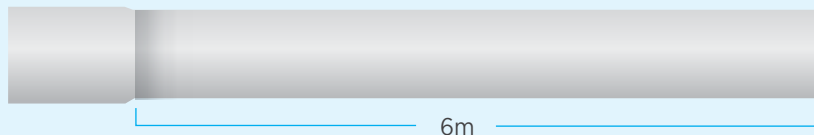




## ADVANTAGES:



- Lightweight
- Leak free Joints
- Invulnerable to external or internal corrosion
- Excellent Chemical resistance
- Low coefficient of friction
- Reduced risk of internal blockages
- Quick installation time
- Long Service Life (50+ years)
- Material Flexibility

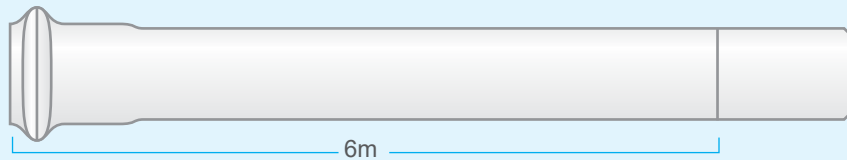


## UPVC Series 1 Pressure Pipes AS/NZS 1477

NOM BORE	OD	PN9					PN12				
		MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M
20	26.7	N/A	N/A	N/A	N/A	N/A	23.6	1.4	1.7	1.6	0.18
25	33.5	30.4	1.4	1.7	1.6	0.22	29.7	1.7	2.1	1.9	0.27
32	42.2	38.4	1.7	2.1	1.9	0.35	37.4	2.2	2.6	2.4	0.43
40	48.2	44.0	1.9	2.3	2.1	0.44	42.7	2.5	3.0	2.8	0.57
50	60.3	55.1	2.4	2.8	2.6	0.68	53.6	3.1	3.6	3.4	0.58
65	75.3	68.8	3.0	3.5	3.3	1.1	66.9	3.9	4.5	4.2	1.4
80	88.9	81.3	3.5	4.1	3.8	1.4	79.0	4.6	5.3	5.0	1.9
100	114.3	104.6	4.5	5.2	4.9	2.4	101.7	5.9	6.7	6.3	3.1
125	140.2	128.4	5.5	6.3	5.9	3.6	124.9	7.2	8.1	7.7	4.65
150	160.2	146.8	6.3	7.1	6.7	4.7	142.6	8.3	9.3	8.8	6.12
175	200.2	185.1	7.1	8.0	7.6	6.6	180.5	9.3	10.4	9.9	8.6
200	225.3	208.5	7.9	8.9	8.4	8.3	203.1	10.5	11.7	11.1	10.9
225	250.4	231.7	8.8	9.9	9.4	10.3	225.8	11.6	13.0	12.3	13.5
250	280.4	259.4	9.9	11.1	10.5	13.0	252.9	13.0	14.5	13.8	16.8

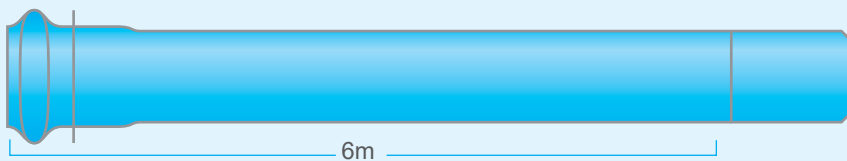
## UPVC Series 1 Pressure Pipes AS/NZS 1477 Cont.

		PN15					PN18				
NOM BORE	OD	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M
20	26.7	22.9	1.7	2.1	1.9	0.22	22.3	2.0	2.4	2.2	0.25
25	33.5	28.9	2.1	2.5	2.3	0.33	28.0	2.5	3.0	2.8	0.39
32	42.2	36.3	2.7	3.2	3.0	0.53	34.8	3.2	3.2	3.7	0.65
40	48.2	41.5	3.1	3.6	3.4	0.68	40.4	3.6	4.2	3.9	0.79
50	60.3	52.1	3.8	4.4	4.1	1.05	50.4	4.6	5.3	5.0	1.25
65	75.3	65.0	4.8	5.5	5.2	1.65	63.1	5.7	6.5	6.1	1.93
80	88.9	76.7	5.7	6.5	6.1	2.31	74.6	6.7	7.6	7.2	2.68
100	114.3	98.8	7.3	8.2	7.8	3.78	96	8.6	9.7	9.2	4.41
125	140.2	121.3	8.9	10.0	9.5	5.66	117.7	10.6	11.9	11.3	6.6
150	160.2	138.6	10.2	11.4	10.8	7.4	134.6	12.1	13.5	12.8	8.65
175	200.2	175.9	11.5	12.8	12.2	10.4	171.4	13.6	15.2	14.4	12.27
200	225.3	198.0	12.9	14.4	13.7	13.3	192.9	15.3	17.1	16.2	15.53
225	250.4	220.0	14.4	16.0	15.2	16.4	214.4	17.0	19.0	18.0	19.2
250	280.4	246.4	16.1	17.9	17.0	20.6	240.1	19.1	21.2	20.2	24.05



## MPVC Series 1 Pressure Pipes AS/NZS 4765 complete with RRJ

		PN 12					PN15					PN18				
NOM BORE	OD	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M
100	114.3	105.6	3.8	4.9	4.3	2.2	103.7	4.7	5.9	5.3	2.7	101.7	5.6	7.0	6.3	3.2
150	160.2	148.2	5.3	6.7	6.0	4.3	145.5	6.6	8.1	7.3	5.2	142.8	7.8	9.6	8.7	6.1
200	225.3	208.7	7.5	9.1	8.3	8.3	204.8	9.3	11.2	10.2	10.2	201.1	11.0	13.2	12.1	11.9
225	250.3	231.9	8.3	10.1	9.2	10.2	227.6	10.3	12.4	11.3	12.5	223.4	12.2	14.6	13.4	14.6
250	286.2	265.3	9.5	11.5	10.5	13.2	260.4	11.8	14.1	12.9	16.2	255.6	14.0	16.6	15.3	19.2



## MPVC Series 2 Pressure Pipes AS/NZS 4765 complete with RRJ

		PN12					PN16				
NOM BORE	OD	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M
100	121.9	112.7	4.0	5.2	4.6	2.47	109.9	5.3	6.7	6.0	3.2
150	177.4	164.2	5.9	7.3	6.6	5.17	160.2	7.8	9.5	8.6	6.7
200	232.3	215.2	7.7	9.4	8.6	8.77	209.9	10.2	12.2	11.2	11.3
225	259.3	240.3	8.6	10.4	9.5	10.9	234.4	11.3	13.6	12.5	14.1
250	286.2	265.3	9.5	11.5	10.5	13.3	258.8	12.5	14.9	13.7	17.2

		PN18					PN20				
NOM BORE	OD	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M	MEAN BORE	MIN WALL	MAX WALL	AVG WALL	WGHT KG/M
100	121.9	108.5	6.0	7.4	6.7	3.6	107.2	6.6	8.1	7.4	3.9
150	177.4	158.2	8.7	10.5	9.6	7.4	156.2	9.6	11.6	10.6	8.1
200	232.3	207.3	11.4	13.6	12.5	12.7	204.8	12.6	15.0	13.8	13.8
225	259.3	231.5	12.7	15.1	13.9	15.7	228.6	14.0	16.7	15.3	17.2
250	286.2	255.6	14.0	16.6	15.3	18.5	252.4	15.5	18.3	16.9	20.8





PRESSURE

ELECTRICAL

COMMS

GAS

RURAL

SOLABLOC

FIRE

NEXGEN

HIVIS

PVC

FITTINGS

SERVICES

FABRICATION

## FITTINGS



Compression Fittings	44
Threaded Fittings	59
Electrofusion Fittings	64
Transition Fittings	74
Moulded Fittings	78
Fabricated Fittings	92
Victaulic Couplers	103
Backing Rings	108



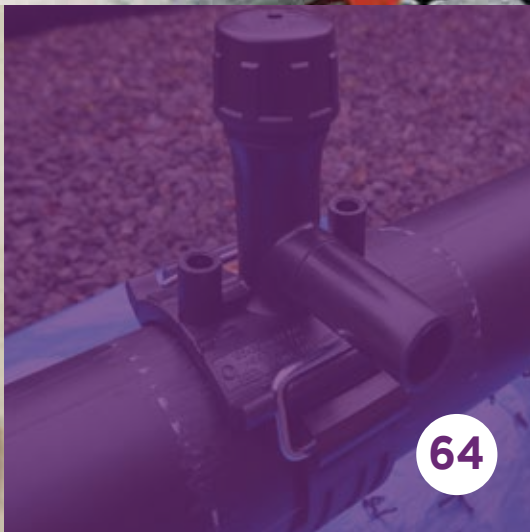
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78



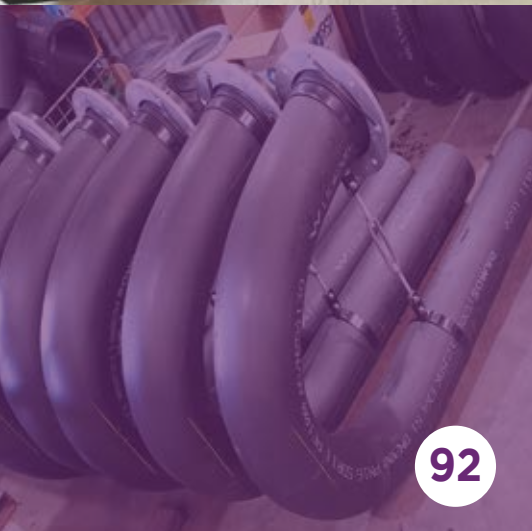
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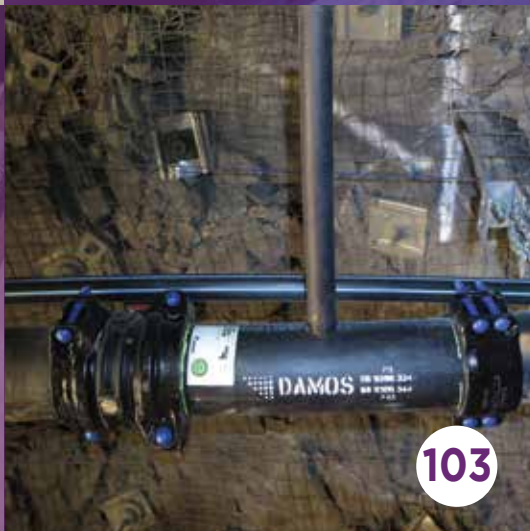
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74



92



103



108



## COMPRESSION FITTINGS

DAMOS range of compression couplings are a strong and lightweight coupling for HDPE pipes, these innovative couplings are rated to SDR11/PN16. Utilising an O-ring, grip ring a gasket and screw cap configuration, the fitting works together to secure the pipe within the fitting assembly allowing the user to join 2 ends together quickly and easily.

Available in rural and metric sizes, compression fittings are the first choice for irrigation, water and gas network operators and asset owners, and are particularly effective when securing pipe with smaller OD's; Available in a variety of configurations DAMOS Compression fittings range includes couplers, end caps, tapping saddles and transition pieces.

### COMPRESSION COUPLING

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16	16	10	AC16
20	16	10	AC20
25	16	10	AC25
32	16	5	AC32
40	16	1	AC40
50	16	1	AC50
63	16	1	AC63
75	16	1	AC75
90	16	1	AC90
110	16	1	AC110
125	16	1	AC125
160	10	1	AC160



### COMPRESSION COUPLING BODY

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16	16	1	ACB16
20	16	1	ACB20
25	16	1	ACB25
32	16	1	ACB32
40	16	1	ACB40
50	16	1	ACB50
63	16	1	ACB63



### COMPRESSION COUPLING

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20	-	10	ACP20
25	-	10	ACP25
32	-	10	ACP32
40	-	5	ACP40
50	-	5	ACP50
63	-	2	ACP63



## COMPRESSION SLIP / REPAIR COUPLING

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20	16	10	ASRC20
25	16	10	ASRC25
32	16	5	ASRC32
40	16	1	ASRC40
50	16	1	ASRC50
63	16	1	ASRC63
75	16	1	ASRC75
90	16	1	ASRC90
110	16	1	ASRC110
125	16	1	ASRC125
160	16	1	ASRC160



## COMPRESSION REDUCING COUPLING

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20 x 16	16	10	ARC2016
25 x 16	16	10	ARC2516
25 x 20	16	10	ARC2520
32 x 20	16	5	ARC3220
32 x 25	16	5	ARC3225
40 x 25	16	1	ARC4025
40 x 32	16	1	ARC4032
50 x 25	16	1	ARC5025
50 x 32	16	1	ARC5032
50 x 40	16	1	ARC5040
63 x 25	16	1	ARC6325
63 x 32	16	1	ARC6332
63 x 40	16	1	ARC6340
63 x 50	16	1	ARC6350
75 x 50	16	1	ARC7550
75 x 63	16	1	ARC7563
90 x 63	16	1	ARC9063
90 x 75	16	1	ARC9075
110 x 63	16	1	ARC11063
110 x 90	16	1	ARC11090



## COMPRESSION UNIVERSAL ADAPTOR

UNIVERSAL SIZE	MAIN SIZE	PN	PACK QUANTITY	PRODUCT CODE
15 - 22	25PE	16	1	ACU251522
20 - 27	25PE	16	1	ACU252027
20 - 27	32PE	16	1	ACU322027
27 - 35	25PE	16	1	ACU252735
27 - 35	32PE	16	1	ACU322735
*35 - 50	50PE	16	1	ACU503550



Universal End connects to steel, PVC, copper, PE.  
\*Compatible with 50mm copper pipe.

## COMPRESSION FEMALE ADAPTOR

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16 x 1/2"	16	10	AF1616
16 x 3/4"	16	10	AF1620
20 x 1/2"	16	10	AF2016
20 x 3/4"	16	10	AF2020
20 x 1"	16	10	AF2025
25 x 1/2"	16	10	AF2516
25 x 3/4"	16	10	AF2520
25 x 1"	16	10	AF2525
32 x 1/2"	16	5	AF3216
32 x 3/4"	16	5	AF3220
32 x 1"	16	5	AF3225
32 x 1.1/4"	16	5	AF3232
40 x 1"	16	1	AF4025
40 x 1.1/4"	16	1	AF4032
40 x 1.1/2"	16	1	AF4040
50 x 1.1/4"	16	1	AF5032
50 x 1.1/2"	16	1	AF5040
50 x 2"	16	1	AF5050
63 x 1.1/4"	16	1	AF6332
63 x 1.1/2"	16	1	AF6340
63 x 2"	16	1	AF6350
63 x 2.1/2"	16	1	AF6363
75 x 2"	16	1	AF7550
75 x 2.1/2"	16	1	AF7563
75 x 3"	16	1	AF7575
90 x 2"	16	1	AF9050
90 x 2.1/2"	16	1	AF9063
90 x 3"	16	1	AF9075
90 x 4"	16	1	AF90100
110 x 2"	16	1	AF11050
110 x 3"	16	1	AF11075
110 x 4"	16	1	AF110100



## COMPRESSION MALE ADAPTER

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16 x 1/2"	16	10	AM1616
16 x 3/4"	16	10	AM1620
20 x 1/2"	16	10	AM2016
20 x 3/4"	16	10	AM2020
20 x 1"	16	10	AM2025
25 x 1/2"	16	10	AM2516
25 x 3/4"	16	10	AM2520
25 x 1"	16	10	AM2525
32 x 1/2"	16	5	AM3216
32 x 3/4"	16	5	AM3220
32 x 1"	16	5	AM3225
32 x 1.1/4"	16	5	AM3232
32 x 1.1/2"	16	5	AM3240
40 x 1"	16	1	AM4025
40 x 1.1/4"	16	1	AM4032
40 x 1.1/2"	16	1	AM4040
40 x 2"	16	1	AM4050
50 x 1"	16	1	AM5025
50 x 1.1/4"	16	1	AM5032
50 x 1.1/2"	16	1	AM5040
50 x 2"	16	1	AM5050
63 x 1.1/4"	16	1	AM6332
63 x 1.1/2"	16	1	AM6340
63 x 2"	16	1	AM6350
63 x 2.1/2"	16	1	AM6363
75 x 2"	16	1	AM7550
75 x 2.1/2"	16	1	AM7563
75 x 3"	16	1	AM7575
90 x 2"	16	1	AM9050
90 x 2.1/2"	16	1	AM9063
90 x 3"	16	1	AM9075
90 x 4"	16	1	AM90100
110 x 2"	16	1	AM11050
110 x 3"	16	1	AM11075
110 x 4"	16	1	AM110100



## COMPRESSION MALE ADAPTER WITH BRASS MALE THREAD

SIZE	PN	PACK QUANTITY	PRODUCT CODE
32 x 1"	16	1	AMB3225
32 x 1.1/4"	16	1	AMB3232
32 x 1.1/2"	16	1	AMB3240
40 x 1"	16	1	AMB4025
40 x 1.1/4"	16	1	AMB4032
40 x 1.1/2"	16	1	AMB4040
50 x 1"	16	1	AMB5025
50 x 1.1/4"	16	1	AMB5032
50 x 1.1/2"	16	1	AMB5040
63 x 1.1/4"	16	1	AMB6332
63 x 1.1/2"	16	1	AMB6340
63 x 2"	16	1	AMB6350





### COMPRESSION BARREL UNION ADAPTER WITH MALE THREAD

SIZE	PN	PACK QUANTITY	PRODUCT CODE
25 x 1/2"	16	1	AMBU2516
25 x 3/4"	16	1	AMBU2520
32 x 1"	16	1	AMBU3225
32 x 1.1/4"	16	1	AMBU3232
32 x 1.1/2"	16	1	AMBU3240
40 x 1"	16	1	AMBU4025
40 x 1.1/4"	16	1	AMBU4032
40 x 1.1/2"	16	1	AMBU4040
50 x 1"	16	1	AMBU5025
50 x 1.1/4"	16	1	AMBU5032
50 x 1.1/2"	16	1	AMBU5040
63 x 1.1/4"	16	1	AMBU6332
63 x 1.1/2"	16	1	AMBU6340
63 x 2"	16	1	AMBU6350



### COMPRESSION BARREL UNION ADAPTER WITH BRASS MALE THREAD

SIZE	PN	PACK QUANTITY	PRODUCT CODE
32 x 1"	16	2	AMBUB3225
40 x 1"	16	2	AMBUB4025
40 x 1.1/4"	16	2	AMBUB4032
40 x 1.1/2"	16	2	AMBUB4040
50 x 1.1/4"	16	2	AMBUB5032
50 x 1.1/2"	16	2	AMBUB5040
63 x 1.1/4"	16	2	AMBUB6332
63 x 1.1/2"	16	2	AMBUB6340
63 x 2"	16	2	AMBUB6350



## COMPRESSION 90° ELBOW

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16	16	10	AE16
20	16	10	AE20
25	16	10	AE25
32	16	5	AE32
40	16	1	AE40
50	16	1	AE50
63	16	1	AE63
75	16	1	AE75
90	16	1	AE90
110	16	1	AE110
160	10	1	AE160



## COMPRESSION 90° REDUCING ELBOW

SIZE	PN	PACK QUANTITY	PRODUCT CODE
25 x 20	16	10	AER2520



## COMPRESSION UNIVERSAL ELBOW

SIZE	PN	PACK QUANTITY	PRODUCT CODE
15 - 22 x 25 PE	16	1	AEU251522
20 - 27 x 25 PE	16	1	AEU252027
27 - 35 x 25 PE	16	1	AEU252735



## COMPRESSION 90° ELBOW ADAPTOR

SIZE	PN	PACK QUANTITY	PRODUCT CODE
40 x 40 (SPIGOT)	16	1	AEA4040
50 x 40 (SPIGOT)	16	1	AEA5040
63 x 40 (SPIGOT)	16	1	AEA6340
40 x 50 (SPIGOT)	16	1	AEA4050
50 x 50 (SPIGOT)	16	1	AEA5050
63 x 40 (SPIGOT)	16	1	AEA6340



COMPRESSION 90° MALE ELBOW			
SIZE	PN	PACK QUANTITY	PRODUCT CODE
20 x 1/2"	16	10	AEM2016
20 x 3/4"	16	10	AEM2020
25 x 1/2"	16	10	AEM2516
25 x 3/4"	16	10	AEM2520
25 x 1"	16	5	AEM2525
32 x 3/4"	16	5	AEM3220
32 x 1"	16	5	AEM3225
32 x 1.1/4"	16	1	AEM3232
40 x 1"	16	1	AEM4025
40 x 1.1/4"	16	1	AEM4032
40 x 1.1/2"	16	1	AEM4040
50 x 1"	16	1	AEM5025
50 x 1.1/4"	16	1	AEM5032
50 x 1.1/2"	16	1	AEM5040
50 x 2"	16	1	AEM5050
63 x 1.1/4"	16	1	AEM6332
63 x 1.1/2"	16	1	AEM6340
63 x 2"	16	1	AEM6350
63 x 2.1/2"	16	1	AEM6363
75 x 2.1/2"	16	1	AEM7563
75 x 3"	16	1	AEM7575
90 x 3"	16	1	AEM9075
110 x 4"	16	1	AEM110100



COMPRESSION 90° MALE ELBOW WITH BRASS MALE THREAD			
SIZE	PN	PACK QUANTITY	PRODUCT CODE
32 x 3/4"	16	1	AEMB3220
32 x 1"	16	1	AEMB3225
32 x 1.1/4"	16	1	AEMB3232
32 x 1.1/2"	16	1	AEMB3240
40 x 1"	16	1	AEMB4025
40 x 1.1/4"	16	1	AEMB4032
40 x 1.1/2"	16	1	AEMB4040
50 x 1"	16	1	AEMB5025
50 x 1.1/4"	16	1	AEMB5032
50 x 1.1/2"	16	1	AEMB5040
63 x 1.1/4"	16	1	AEMB6332
63 x 1.1/2"	16	1	AEMB6340
63 x 2"	16	1	AEMB6350



## COMPRESSION 90° FEMALE ELBOW

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16 x 1/2'	16	10	AEF1616
20 x 1/2"	16	10	AEF2016
20 x 3/4"	16	10	AEF2020
25 x 1/2"	16	10	AEF2516
25 x 3/4"	16	10	AEF2520
25 x 1"	16	10	AEF2525
32 x 3/4"	16	5	AEF3220
32 x 1"	16	5	AEF3225
32 x 1.1/4"	16	5	AEF3232
40 x 1"	16	1	AEF4025
40 x 1.1/4"	16	1	AEF4032
40 x 1.1/2"	16	1	AEF4040
40 x 2"	16	1	AEF4050
50 x 1"	16	1	AEF5025
50 x 1.1/4"	16	1	AEF5032
50 x 1.1/2"	16	1	AEF5040
50 x 2"	16	1	AEF5050
63 x 1.1/4"	16	1	AEF6332
63 x 1.1/2"	16	1	AEF6340
63 x 2"	16	1	AEF6350
75 x 2"	16	1	AEF7550
75 x 2.1/2"	16	1	AEF7563
75 x 3"	6.3	1	AEF7575



## COMPRESSION WALLPLATE ELBOW

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16 x 1/2"	16	1	AEW1616
20 x 1/2"	16	1	AEW2016
25 x 3/4"	16	1	AEW2520



## COMPRESSION 45° ELBOW

SIZE	PN	PACK QUANTITY	PRODUCT CODE
32	16	5	AE3245
40	16	1	AE4045
50	16	1	AE5045
63	16	1	AE6345
75	16	1	AE7545
90	16	1	AE9045
110	16	1	AE11045



COMPRESSION 45° MALE ELBOW			
SIZE	PN	PACK QUANTITY	PRODUCT CODE
20 x 1/2"	16	10	AEM201645
20 x 3/4"	16	10	AEM202045



COMPRESSION TEE			
SIZE	PN	PACK QUANTITY	PRODUCT CODE
16	16	10	AT16
20	16	10	AT20
25	16	5	AT25
32	16	5	AT32
40	16	1	AT40
50	16	1	AT50
63	16	1	AT63
75	116	1	AT75
90	16	1	AT90
110	16	1	AT110
160	10	1	AT160



COMPRESSION REDUCING TEE			
SIZE	PN	PACK QUANTITY	PRODUCT CODE
20 x 16	16	10	ATR2016
25 x 20	16	5	ATR2520
32 x 25	16	5	ATR3225
40 x 25	16	1	ATR4025
40 x 32	16	1	ATR4032
50 x 25	16	1	ATR5025
50 x 32	16	1	ATR5032
50 x 40	16	1	ATR5040
63 x 32	16	1	ATR6332
63 x 40	16	1	ATR6340
63 x 50	16	1	ATR6350
75 x 63	16	1	ATR7563
110 x 63	16	1	ATR11063



## COMPRESSION SLIP/REPAIR TEE

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20	16	10	ASRT20
25	16	5	ASRT25
32	16	5	ASRT32
40	12.5	1	ASRT40
50	12.5	1	ASRT50
63	12.5	1	ASRT63



## COMPRESSION COUPLING WITH RISER

SIZE	PN	PACK QUANTITY	PRODUCT CODE
40 x 3/4"	16	1	ATMR4020
50 x 3/4"	16	1	ATMR5020
50 x 1"	16	1	ATMR5025
63 x 3/4"	16	1	ATMR6320
75 x 3/4"	16	1	ATMR7520
75 x 1"	16	1	ATMR7525



## COMPRESSION MALE TEE

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20 x 1/2"	16	10	ATM20016
20 x 3/4"	16	10	ATM20020
25 x 1/2"	16	5	ATM25016
25 x 3/4"	16	5	ATM25020
32 x 1"	16	5	ATM32025
40 x 1.1/4"	16	1	ATM40032
40 x 1.1/2"	16	1	ATM40040
50 x 1.1/4"	16	1	ATM50032
50 x 1.1/2"	16	1	ATM50040
50 x 2"	16	1	ATM50050
63 x 1.1/4"	16	1	ATM63032
63 x 1.1/2"	16	1	ATM63040
63 x 2"	16	1	ATM63050



## COMPRESSION FEMALE TEE

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16 x 1/2"	16	10	ATF1616
16 x 3/4"	16	10	ATF1620
20 x 1/2"	16	10	ATF2016
20 x 3/4"	16	10	ATF2020
25 x 1/2"	16	5	ATF2516
25 x 3/4"	16	5	ATF2520
25 x 1"	16	5	ATF2525
25 x 1.1/4"	16	5	ATF2532
32 x 3/4"	16	5	ATF3220
32 x 1"	16	5	ATF3225
32 x 1.1/4"	16	5	ATF3232
32 x 1.1/2"	16	5	ATF3250
40 x 1"	16	1	ATF4025
40 x 1.1/4"	16	1	ATF4032
40 x 1.1/2"	16	1	ATF4040
40 x 2"	16	1	ATF4050
50 x 1.1/2"	16	1	ATF5040
50 x 2"	16	1	ATF5050
63 x 1.1/2"	16	1	ATF6340
63 x 2"	16	1	ATF6350
75 x 2"	16	1	ATF7550
75 x 2.1/2"	16	1	ATF7563
75 x 3"	6.3	1	ATF7575
90 x 3"	6.3	1	ATF9075
110 x 4"	6.3	1	ATF110100



Stainless steel reinforcing ring from 1.1/2" to 4".

## COMPRESSION SLIP TEE WITH THREADED FEMALE OFFTAKE

SIZE	PN	PACK QUANTITY	PRODUCT CODE
40 x 1"	12.5	-	ASRTF4025
50 x 1.1/2"	12.5	-	ASRTF5040
63 x 1.1/4"	12.5	-	ASRTF6332



Stainless steel reinforcing ring from 1.1/2" to 4".

## COMPRESSION REDUCING TEE WITH THREADED FEMALE OFFTAKE

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20 x 16 x 3/4"	16	10	ATRF201620
25 x 20 x 3/4"	16	5	ATRF252020
32 x 25 x 1"	16	5	ATRF322525



Stainless steel reinforcing ring from 1.1/2" to 4".

## COMPRESSION 45° TEE

SIZE	PN	PACK QUANTITY	PRODUCT CODE
63	8	1	AT6345
75	8	1	AT7545
90	8	1	AT9045
110	8	1	AT11045



## COMPRESSION MALE Y FITTING

SIZE	PN	PACK QUANTITY	PRODUCT CODE
16 x 3/4"	16	1	AYM1620
20 x 3/4"	16	1	AYM2020
25 x 3/4"	16	1	AYM2520



## COMPRESSION CROSS WITH FEMALE OFFTAKE

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20 x 3/4" x 1/2"	16	1	ACC2016



## COMPRESSION SHOULDERED ADAPTER

SIZE	PN	PACK QUANTITY	PRODUCT CODE
50 x 2"	16	1	ASA5050
63 x 2"	16	1	ASA6350
90 x 4"	16	1	ASA90100
110 x 4"	16	1	ASA110100
160 x 6"	16	1	ASA160160





### COMPRESSION END CAPS

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20	16	10	ACAP20
25	16	10	ACAP25
32	16	5	ACAP32
40	16	1	ACAP40
50	16	1	ACAP50
63	16	1	ACAP63
75	16	1	ACAP75
90	16	1	ACAP90
110	16	1	ACAP110



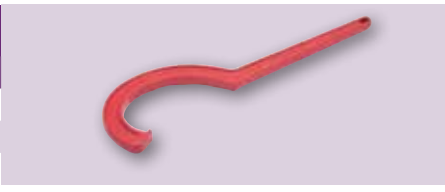
### COMPRESSION BLANKING PLUG

SIZE	PN	PACK QUANTITY	PRODUCT CODE
20	12.5	10	APLUG20
25	12.5	10	APLUG25
32	12.5	10	APLUG32
40	12.5	10	APLUG40
50	12.5	10	APLUG50
63	12.5	10	APLUG63



### COMPRESSION WRENCH 1

SIZE	PRODUCT CODE
16 x 40	AWRENCH1640P
40 x 75	AWRENCH4075P
63 x 125	AWRENCH063125P



### COMPRESSION WRENCH 2

SIZE	PRODUCT CODE
16 x 40	AWRENCH1640
40 x 63	AWRENCH4063
75 x 110	AWRENCH75110



## COMPRESSION FLANGED COUPLING

SIZE	PN	PACK QUANTITY	PRODUCT CODE
40 x 1/2" ISO	16	1	AFC4040
50 x 1.1/2" ISO	16	1	AFC5040
50 x 2" ISO	16	1	AFC5050
63 x 2" ISO	16	1	AFC6350
63 x 2.1/2" ISO	16	1	AFC6363
63 4" ISO	16	1	AFC63100
75 x 2.1/2" ISO	16	1	AFC75063
90 x 4" ISO	16	1	AFC90100
110 x 4" ISO	16	1	AFC110100
125 x 5" ISO	12.5	1	AFC125125
125 x 6" ISO	12.5	1	AFC125160
160 x 5" ISO	10	1	AFC160125
160 x 6" ISO	10	1	AFC160160



## COMPRESSION FLANGED ADAPTOR

SIZE	PN	PACK QUANTITY	PRODUCT CODE
50 x 1.1/2" ISO	16	1	AFA5040
50 x 2" ISO	16	1	AFA5050
63 x 2" ISO	16	1	AFA6350
63 x 2.1/2" ISO	16	1	AFA6363
75 x 2" ISO	16	1	AFA7550
75 x 2.1/2" ISO	16	1	AFA7563
90 x 2.1/2" ISO	16	1	AFA9063
90 x 4" ISO	16	1	AFA90100
110 x 4" ISO	16	1	AFA110100
125 x 5" ISO	12.5	1	AFA125125
125 x 6" ISO	12.5	1	AFA125160
160 x 5" ISO	10	1	AFA160125
160 x 6" ISO	10	1	AFA160160





## THREADED FITTINGS

DAMOS range of threaded fittings, or socket welded fittings are premium grade fittings, manufactured and supplied to conform with ASME B1.20.1; this traditional method of joining piping systems, is mainly used for smaller bore piping.

A highly cost effective method of joining pipe, this method requires no specialist equipment to join the pipe together, and is commonly utilised in domestic, and commercial applications; threaded fittings can be made from HDPE, iron, bronze, alloys, and carbon steel.

## THREADED PLUGS

SIZE	PACK QUANTITY	PRODUCT CODE
1/2"	10	APLUGT16
3/4"	10	APLUGT20
1"	10	APLUGT25
1.1/4"	10	APLUGT32
1.1/2"	10	APLUGT40
2"	5	APLUGT50



## THREADED SOCKETS

SIZE	PACK QUANTITY	PRODUCT CODE
1/2"	10	AS16
3/4"	10	AS20
1"	10	AS25
1.1/4"	10	AS32
1.1/2"	10	AS40
2"	5	AS50



Stainless steel reinforcing ring available from 1.1/2" to 4".



## THREADED NIPPLE

SIZE	PACK QUANTITY	PRODUCT CODE
1/2"	10	ANIPPLE16
3/4"	10	ANIPPLE20
1"	10	ANIPPLE25
1.1/4"	10	ANIPPLE32
1.1/2"	10	ANIPPLE40
2"	10	ANIPPLE50
2.1/2"	10	ANIPPLE63
3"	10	ANIPPLE75



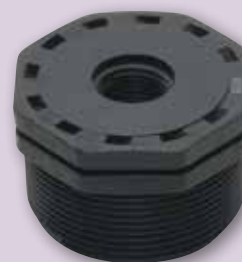
## THREADED REDUCING NIPPLE

SIZE	PACK QUANTITY	PRODUCT CODE
3/4" x 1/2"	10	ARN2016
1" x 1/2"	10	ARN2516
1" x 3/4"	10	ARN2520
1.1/4" x 1/2"	10	ARN3216
1.1/4" x 3/4"	10	ARN3220
1.1/4" x 1"	10	ARN3225
1.1/2" x 1/2"	5	ARN4016
1.1/2" x 3/4"	5	ARN4020
1.1/2" x 1"	5	ARN4025
1.1/2" x 1.1/4"	5	ARN4032
2" x 1/2"	5	ARN5016
2" x 3/4"	5	ARN5020
2" x 1"	5	ARN5025
2" x 1.1/4"	5	ARN5032
2" x 1.1/2"	5	ARN5040



## THREADED REDUCING BUSHES

SIZE	PACK QUANTITY	PRODUCT CODE
3/4" x 1/2"	10	ARB2016
1 x 1/2"	10	ARB2516
1 x 3/4"	10	ARB2520
1.1/4" x 1/2"	10	ARB3216
1.1/4" x 3/4"	10	ARB3220
1.1/4" x 1"	10	ARB3225
1.1/2" x 1/2"	10	ARB4016
1.1/2" x 3/4"	10	ARB4020
1.1/2" x 1"	10	ARB4025
1.1/2" x 1.1/4"	10	ARB4032
2" x 1/2"	5	ARB5016
2" x 3/4"	5	ARB5020
2" x 1"	5	ARB5025
2" x 1.1/4"	5	ARB5032
2" x 1.1/2"	5	ARB5040
2.1/2" x 2"	5	ARB6350
3" x 1"	1	ARB7525
3" x 1.1/4"	1	ARB7532
3" x 1.1/2"	1	ARB7540
3" x 2"	1	ARB7550
3 x 2.1/2"	1	ARB7563
4" x 2"	1	ARB10050
4" x 3"	1	ARB10075



## THREADED REDUCING SOCKETS

SIZE	PACK QUANTITY	PRODUCT CODE
3/4" x 1/2"	10	ARS2016
1" x 1/2"	50	ARS2516
1" x 3/4"	50	ARS2520
1.1/4" x 1"	50	ARS3225
1.1/2" x 1"	20	ARS4032
1.1/2" x 1.1/4"	20	ARS4032
2" x 1"	10	ARS5025
2" x 1.1/4"	10	ARS5032
2" x 1.1/2"	10	ARS5040



## THREADED 90° ELBOW

SIZE	PACK QUANTITY	PRODUCT CODE
1/2"	10	AES16
3/4"	10	AES20
1"	10	AES25
1.1/4"	10	AES32
1.1/2"	5	AES40
2"	5	AES50



Stainless steel reinforcing ring available from 1.1/2" to 4".



THREADED 90° ELBOW - FEMALE - MALE		
SIZE	PACK QUANTITY	PRODUCT CODE
1/2" x 1/2"	10	AEMF16
3/4" x 3/4"	10	AEMF20
1" x 1"	10	AEMF25



THREADED TEE		
SIZE	PACK QUANTITY	PRODUCT CODE
1/2"	10	ATS16
3/4"	10	ATS20
1"	10	ATS25
*1.1/4"	5	ATS32
*1.1/2"	5	ATS40
*2"	5	ATS50



Stainless steel reinforcing ring available from 1.1/2" to 4".

THREADED RISER		
SIZE	PACK QUANTITY	PRODUCT CODE
1/2" x 1/2" x 150 L	10	ARISER1616150
3/4" x 1/2" x 112 L	10	ARISER2016112
3/4" x 3/4" x 150 L	10	ARISER2020150
1" x 1" x 150 L	10	ARISER2525150
1.1/4" x 1.1/4" x 112 L	5	ARISER3232112
1.1/2" x 1.1/4" x 150 L	5	ARISER4032150
1.1/2" x 1.1/2" x 150 L	5	ARISER4040150



THREADED CAP		
SIZE	PACK QUANTITY	PRODUCT CODE
1/2"	10	ACAPT16
3/4"	10	ACAPT20
1"	10	ACAPT25
1.1/4"	10	ACAPT32
1.1/2"	10	ACAPT40
2"	10	ACAPT50





## ELECTROFUSION FITTINGS

DAMOS range of Electrofusion or EF couplers present the installer and asset owners with a unique method of installing pipelines. Utilising and electrical current via a hand held welding machine, the electro fusion fittings come with heating elements embedded within fitting sockets, which fuse the pipe to the coupling when an electrical current is passed through the fitting, thus creating a leak free seal.

Electro fusion couplings are quick, and safe methods of joining pipelines and offer the installer a visual sign to confirm when the weld is complete. Specifically suited to smaller bore pipelines, electrofusion couplings and fittings, are available in a range of styles and OD's.

DAMOS supply electrofusion couplers and fittings in standard HDPE100 and also as an option in HDPE100 RC (Resistant to Cracking), this later style of fitting is designed to be paired with a HSCR (High Strength Crack Resistant) Pipe.

Available in a range of OD's from 20mm up to 1200mm, Electrofusion fittings are available as SDR17, SDR11 and SDR7.4.



## LOW PRESSURE ELECTROFUSION COUPLERS

FITTING SIZE	SDR	PN	PRODUCT CODE
40	17	10	EFE4011
50	17	10	EFE5011
63	17	10	EFE6311
75	17	10	EFE7511
90	17	10	EFE9011
110	17	10	EFE11011
125	17	10	EFE12511
140	17	10	EFE14011
160	17	10	EFE16011
180	17	10	EFE18011
200	17	10	EFE20011
225	17	10	EFE22511
250	17	10	EFE28011
280	17	10	EFE5011
315	17	10	EFE31511
355	17	10	EFE35511
400	17	10	EFE40011
450	17	10	EFE45011
500	17	10	EFE50011
560	17	10	EFE56011
630	17	10	EFE63011
710	17	10	EFE71011
800	17	10	EFE80011



## ELECTROFUSION COUPLERS

FITTING SIZE	SDR	PN	PRODUCT CODE
20	11 - 17	10 - 16	EFC20
25	11 - 17	10 - 16	EFC25
32	11 - 17	10 - 16	EFC32
40	11 - 17	10 - 16	EFC40
50	11 - 17	10 - 16	EFC50
63	11 - 17	10 - 16	EFC63
75	11 - 17	10 - 16	EFC75
90	11 - 17	10 - 16	EFC90
110	11 - 17	10 - 16	EFC110
125	11 - 17	10 - 16	EFC125
140	11 - 17	10 - 16	EFC140
160	11 - 17	10 - 16	EFC160
180	11 - 17	10 - 16	EFC180
200	11 - 17	10 - 16	EFC200
225	11 - 17	10 - 16	EFC225
250	11 - 17	10 - 16	EFC250
280	11 - 17	10 - 16	EFC280
315	11 - 17	10 - 16	EFC315
355	11 - 17	10 - 16	EFC355
400	11 - 17	10 - 16	EFC400
450	11 - 17	10 - 16	EFC450
500	11 - 17	10 - 16	EFC500
560	11 - 17	10 - 16	EFC560
630	11 - 17	10 - 16	EFC630
710	11 - 17	10 - 16	EFC710
800	11 - 17	10 - 16	EFC800
900	11 - 17	10 - 16	EFC900
1000	11 - 17	10 - 16	EFC1000
1200	11 - 17	10 - 16	EFC1200



## HIGH PRESSURE ELECTROFUSION COUPLERS

FITTING SIZE	SDR	PN	PRODUCT CODE
50	7.4	25	EFC507
63	7.4	25	EFC637
75	7.4	25	EFC757
90	7.4	25	EFC907
110	7.4	25	EFC110
125	7.4	25	EFC125
140	7.4	25	EFC1407
160	7.4	25	EFC1607
180	7.4	25	EFC1807
200	7.4	25	EFC2007
225	7.4	25	EFC2257
250	7.4	25	EFC2507
280	7.4	25	EFC2807
315	7.4	25	EFC3157



## END CAP

FITTING SIZE	SDR	PN	PRODUCT CODE
20	11	16	EFCAP20
25	11	16	EFCAP25
32	11	16	EFCAP32
40	11	16	EFCAP40
50	11	16	EFCAP50
63	11	16	EFCAP63
75	11 - 17	16	EFCAP75
90	11 - 17	16	EFCAP90
110	11 - 17	16	EFCAP110
125	11 - 17	16	EFCAP125
140	11 - 17	16	EFCAP140
160	11 - 17	16	EFCAP160
180	11 - 17	16	EFCAP180
200	11 - 17	16	EFCAP200
225	11 - 17	16	EFCAP225
250	11 - 17	16	EFCAP250



## ELECTROFUSION REDUCER

FITTING SIZE	SDR	PN	PRODUCT CODE
25 x 20	11 - 17	16 - 10	EFR2520
32 x 20	11 - 17	16 - 10	EFR3220
32 x 25	11 - 17	16 - 10	EFR3225
40 x 32	11 - 17	16 - 10	EFR4032
50 x 32	11 - 17	16 - 10	EFR5032
50 x 40	11 - 17	16 - 10	EFR5040
63 x 32	11 - 17	16 - 10	EFR6332
63 x 40	11 - 17	16 - 10	EFR6340
63 x 50	11 - 17	16 - 10	EFR6350
75 x 63	11 - 17	16 - 10	EFR7563
90 x 63	11 - 17	16 - 10	EFR9063
110 x 63	11 - 17	16 - 10	EFR11090
110 x 90	11 - 17	16 - 10	EFR11090
125 x 90	11 - 17	16 - 10	EFR12590
160 x 90	11 - 17	16 - 10	EFR16090
160 x 110	11 - 17	16 - 10	EFR160110
180 x 125	11 - 17	16 - 10	EFR180125



## 90° ELBOW

FITTING SIZE	SDR	PN	PRODUCT CODE
20	11 - 17	16 - 10	EFE2090
25	11 - 17	16 - 10	EFE2590
32	11 - 17	16 - 10	EFE3290
40	11 - 17	16 - 10	EFE4090
50	11 - 17	16 - 10	EFE5090
63	11 - 17	16 - 10	EFE6390
75	11 - 17	16 - 10	EFE7590
90	11 - 17	16 - 10	EFE9090
110	11 - 17	16 - 10	EFE11090
125	11 - 17	16 - 10	EFE12590
160	11 - 17	16 - 10	EFE16090
180	11 - 17	16 - 10	EFE18090
200	11 - 17	16 - 10	EFE20090
225	11 - 17	16 - 10	EFE22590
250	11 - 17	16 - 10	EFE25090



## 45° ELBOW

FITTING SIZE	SDR	PN	PRODUCT CODE
32	11 - 17	16 - 10	EFE3245
40	11 - 17	16 - 10	EFE4045
50	11 - 17	16 - 10	EFE5045
63	11 - 17	16 - 10	EFE6345
75	11 - 17	16 - 10	EFE7545
90	11 - 17	16 - 10	EFE9045
110	11 - 17	16 - 10	EFE11045
125	11 - 17	16 - 10	EFE12545
140	11 - 17	16 - 10	EFE14045
160	11 - 17	16 - 10	EFE16045
180	11 - 17	16 - 10	EFE18045
200	11 - 17	16 - 10	EFE18045
225	11 - 17	16 - 10	EFE22545
250	11 - 17	16 - 10	EFE25045



## 22.5° ELBOW

FITTING SIZE	SDR	PN	PRODUCT CODE
90	11 - 17	16 - 10	EFE90225
110	11 - 17	16 - 10	EFE110225
125	11 - 17	16 - 10	EFE125225
160	11 - 17	16 - 10	EFE160225
180	11 - 17	16 - 10	EFE180225



## 90° EQUAL TEE

FITTING SIZE	SDR	PN	PRODUCT CODE
20 x 20 x 20	11 - 17	16 - 10	EFT20
25 x 25 x 25	11 - 17	16 - 10	EFT25
32 x 32 x 32	11 - 17	16 - 10	EFT32
40 x 40 x 40	11 - 17	16 - 10	EFT40
50 x 50 x 50	11 - 17	16 - 10	EFT50
63 x 63 x 63	11 - 17	16 - 10	EFT63
75 x 75 x 75	11 - 17	16 - 10	EFT75
90 x 90 x 90	11 - 17	16 - 10	EFT90
110 x 110 x 110	11 - 17	16 - 10	EFT110
125 x 125 x 125	11 - 17	16 - 10	EFT125
160 x 160 x 160	11 - 17	16 - 10	EFT160
180 x 180 x 180	11 - 17	16 - 10	EFT180
200x200x200	11 - 17	16 - 10	EFT200
225x225x225	11 - 17	16 - 10	EFT225
250x250x250	11 - 17	16 - 10	EFT250



## 90° REDUCING TEE

FITTING SIZE	SDR	PN	PRODUCT CODE
25 x 25 x 20	11 - 17	16 - 10	EFTR2520
25 x 25 x 32	11 - 17	16 - 10	EFTR2532
50 x 50 x 40	11 - 17	16 - 10	EFTR5040
63 x 63 x 40	11 - 17	16 - 10	EFTR6340
63 x 63 x 50	11 - 17	16 - 10	EFTR6350
90 x 90 x 63	11 - 17	16 - 10	EFTR9063
110 x 110 x 63	11 - 17	16 - 10	EFTR11063
110 x 110 x 90	11 - 17	16 - 10	EFTR11090
125 x 125 x 125	11 - 17	16 - 10	EFTR12563
125 x 125 x 90	11 - 17	16 - 10	EFTR12590
125 x 125 x 110	11 - 17	16 - 10	EFTR125110
160 x 160 x 63	11 - 17	16 - 10	EFTR16063
160 x 160 x 90	11 - 17	16 - 10	EFTR16090
160 x 160 x 110	11 - 17	16 - 10	EFTR160110
160 x 160 x 125	11 - 17	16 - 10	EFTR160125
180 x 180 x 125	11 - 17	16 - 10	EFTR180125
180x180x140	11 - 17	16 - 10	EFTR180140
180x180x160	11 - 17	16 - 10	EFTR180160
200x200x90	11 - 17	16 - 10	EFTR20090
200x200x110	11 - 17	16 - 10	EFTR200110
225x225x90	11 - 17	16 - 10	EFTR22590
225x225x110	11 - 17	16 - 10	EFTR225110
250x250x90	11 - 17	16 - 10	EFTR25090
250x250x110	11 - 17	16 - 10	EFTR250110



## FLANGED TEE

FITTING SIZE	SDR	PN	PRODUCT CODE
63 x 50	11 - 17	16 - 10	EFFT6350
90 x 80	11 - 17	16 - 10	EFFT9080
110 x 100	11 - 17	16 - 10	EFFT110100
125 x 80	11 - 17	16 - 10	EFFT125080
125 x 100	11 - 17	16 - 10	EFFT125100
160 x 100	11 - 17	16 - 10	EFFT160100
160 x 150	11 - 17	16 - 10	EFFT160150
180 x 80	11 - 17	16 - 10	EFFT180080
180 x 100	11 - 17	16 - 10	EFFT180100
180 x 150	11 - 17	16 - 10	EFFT180150



## MULTISEAL TAPPING TEE S/L

FITTING SIZE	SDR	PN	PRODUCT CODE
63 x 20	11 - 17	16 - 10	EFTTS6320
63 x 25	11 - 17	16 - 10	EFTTS6325
63 x 32	11 - 17	16 - 10	EFTTS6332
75 x 20	11 - 17	16 - 10	EFTTS7520
75 x 32	11 - 17	16 - 10	EFTTS7532
90 x 20	11 - 17	16 - 10	EFTTS9020
90 x 32	11 - 17	16 - 10	EFTTS9032
110 x 20	11 - 17	16 - 10	EFTTS11020
110 x 25	11 - 17	16 - 10	EFTTS11025
110 x 32	11 - 17	16 - 10	EFTTS11032
125 x 20	11 - 17	16 - 10	EFTTS12520
125 x 25	11 - 17	16 - 10	EFTTS12525
125 x 32	11 - 17	16 - 10	EFTTS12532
160 x 20	11 - 17	16 - 10	EFTTS16020
160 x 25	11 - 17	16 - 10	EFTTS16025
160 x 32	11 - 17	16 - 10	EFTTS16032
180 x 20	11 - 17	16 - 10	EFTTS18020
180 x 32	11 - 17	16 - 10	EFTTS18032
200 x 20	11 - 17	16 - 10	EFTTS20020
200 x 25	11 - 17	16 - 10	EFTTS20025
200 x 32	11 - 17	16 - 10	EFTTS20032
225 x 20	11 - 17	16 - 10	EFTTS22520
225 x 25	11 - 17	16 - 10	EFTTS22525
250 x 20	11 - 17	16 - 10	EFTTS25020
250 x 25	11 - 17	16 - 10	EFTTS25025
250 x 32	11 - 17	16 - 10	EFTTS25032
280 x 32	11 - 17	16 - 10	EFTTS28032
315 x 32	11 - 17	16 - 10	EFTTS31532
355 x 32	11 - 17	16 - 10	EFTTS35532



## MULTISEAL TAPPING TEE U/P

FITTING SIZE	SDR	PN	PRODUCT CODE
40 x 20	11 - 17	16 - 10	EFTTU4020
40 x 25	11 - 17	16 - 10	EFTTU4025
40 x 32	11 - 17	16 - 10	EFTTU4032
50 x 20	11 - 17	16 - 10	EFTTU5020
50 x 25	11 - 17	16 - 10	EFTTU5025
50 x 32	11 - 17	16 - 10	EFTTU5032
63 x 20	11 - 17	16 - 10	EFTTU6320
63 x 25	11 - 17	16 - 10	EFTTU6320
63 x 32	11 - 17	16 - 10	EFTTU6332
75 x 20	11 - 17	16 - 10	EFTTU7520
75 x 25	11 - 17	16 - 10	EFTTU7525
75 x 32	11 - 17	16 - 10	EFTTU7532
90 x 20	11 - 17	16 - 10	EFTTU9020
90 x 32	11 - 17	16 - 10	EFTTU9032
110 x 20	11 - 17	16 - 10	EFTTU11020
110 x 25	11 - 17	16 - 10	EFTTU11025
110 x 32	11 - 17	16 - 10	EFTTU11032
125 x 20	11 - 17	16 - 10	EFTTU12520
125 x 25	11 - 17	16 - 10	EFTTU12525
125 x 32	11 - 17	16 - 10	EFTTU12532
160 x 20	11 - 17	16 - 10	EFTTU16020
160 x 25	11 - 17	16 - 10	EFTTU16025
160 x 32	11 - 17	16 - 10	EFTTU16032
180 x 20	11 - 17	16 - 10	EFTTU18020
180 x 25	11 - 17	16 - 10	EFTTU18025
180 x 32	11 - 17	16 - 10	EFTTU18032
200 x 20	11 - 17	16 - 10	EFTTU20020
200 x 25	11 - 17	16 - 10	EFTTU20025
200 x 32	11 - 17	16 - 10	EFTTU20032
225 x 20	11 - 17	16 - 10	EFTTU22520
225 x 25	11 - 17	16 - 10	EFTTU22525
225 x 32	11 - 17	16 - 10	EFTTU22532



## MULTISEAL TAPPING TEE U/P

FITTING SIZE	SDR	PN	PRODUCT CODE
63 x 40	11 - 17	16 - 10	EFTTU6340
63 x 50	11 - 17	16 - 10	EFTTU6350
63 x 63	11 - 17	16 - 10	EFTTU6363
75 x 40	11 - 17	16 - 10	EFTTU7540
75 x 50	11 - 17	16 - 10	EFTTU7550
75 x 63	11 - 17	16 - 10	EFTTU7563
90 x 40	11 - 17	16 - 10	EFTTU9040
90 x 50	11 - 17	16 - 10	EFTTU9050
90 x 63	11 - 17	16 - 10	EFTTU9063
110 x 40	11 - 17	16 - 10	EFTTU11040
110 x 50	11 - 17	16 - 10	EFTTU11050
110 x 63	11 - 17	16 - 10	EFTTU11063
125 x 40	11 - 17	16 - 10	EFTTU12540
125 x 50	11 - 17	16 - 10	EFTTU12550
125 x 63	11 - 17	16 - 10	EFTTU12563
160 x 40	11 - 17	16 - 10	EFTTU16040
160 x 50	11 - 17	16 - 10	EFTTU16050
160 x 63	11 - 17	16 - 10	EFTTU16063
180 x 20	11 - 17	16 - 10	EFTTU18020
180 x 25	11 - 17	16 - 10	EFTTU18025
180 x 32	11 - 17	16 - 10	EFTTU18032
200 x 20	11 - 17	16 - 10	EFTTU20020
200 x 25	11 - 17	16 - 10	EFTTU20025
200 x 32	11 - 17	16 - 10	EFTTU20032
225 x 20	11 - 17	16 - 10	EFTTU22520
225 x 25	11 - 17	16 - 10	EFTTU22525
225 x 32	11 - 17	16 - 10	EFTTU22532



## BRANCH SADDLE U/P

FITTING SIZE	SDR	PN	PRODUCT CODE
90 x 90	11 - 17	16 - 10	EFBS9090
110 x 90	11 - 17	16 - 10	EFBS11090
125 x 90	11 - 17	16 - 10	EFBS12590
160 x 90	11 - 17	16 - 10	EFBS16090
180 x 90	11 - 17	16 - 10	EFBS18090
200 x 90	11 - 17	16 - 10	EFBS20090
225 x 90	11 - 17	16 - 10	EFBS22590
250 x 90	11 - 17	16 - 10	EFBS25090
160 x 110	11 - 17	16 - 10	EFBS160110
180 x 110	11 - 17	16 - 10	EFBS180110
180 x 125	11 - 17	16 - 10	EFBS180125
225 x 125	11 - 17	16 - 10	EFBS225125
250 x 125	11 - 17	16 - 10	EFBS250125



## FLEXTee TAPPING Tee U/P

FITTING SIZE	SDR	PN	PRODUCT CODE
63 x 20	11 - 17	16 - 10	EFFTTU6320
63 x 25	11 - 17	16 - 10	EFFTTU6325
63 x 32	11 - 17	16 - 10	EFFTTU6332
75 x 20	11 - 17	16 - 10	EFFTTU7520
75 x 25	11 - 17	16 - 10	EFFTTU7525
75 x 32	11 - 17	16 - 10	EFFTTU7532
90 x 20	11 - 17	16 - 10	EFFTTU9020
90 x 32	11 - 17	16 - 10	EFFTTU9032
110 x 20	11 - 17	16 - 10	EFFTTU11020
110 x 25	11 - 17	16 - 10	EFFTTU11025
110 x 32	11 - 17	16 - 10	EFFTTU11032
125 x 20	11 - 17	16 - 10	EFFTTU12520
125 x 25	11 - 17	16 - 10	EFFTTU12525
125 x 32	11 - 17	16 - 10	EFFTTU12532
160 x 20	11 - 17	16 - 10	EFFTTU16020
160 x 25	11 - 17	16 - 10	EFFTTU16025
160 x 32	11 - 17	16 - 10	EFFTTU16032
180 x 20	11 - 17	16 - 10	EFFTTU18020
180 x 25	11 - 17	16 - 10	EFFTTU18025
180 x 32	11 - 17	16 - 10	EFFTTU18032





### BRANCH SADDLE S/L

FITTING SIZE	SDR	PN	PRODUCT CODE
63 x 40	11 - 17	16 - 10	EFBSS6340
63 x 50	11 - 17	16 - 10	EFBSS6350
63 x 63	11 - 17	16 - 10	EFBSS6363
75 x 40	11 - 17	16 - 10	EFBSS7540
75 x 50	11 - 17	16 - 10	EFBSS7550
75 x 63	11 - 17	16 - 10	EFBSS7563
90 x 40	11 - 17	16 - 10	EFBSS9040
90 x 50	11 - 17	16 - 10	EFBSS9050
90 x 63	11 - 17	16 - 10	EFBSS9063
110 x 40	11 - 17	16 - 10	EFBSS11040
110 x 50	11 - 17	16 - 10	EFBSS11050
110 x 63	11 - 17	16 - 10	EFBSS11063
125 x 40	11 - 17	16 - 10	EFBSS12540
125 x 50	11 - 17	16 - 10	EFBSS12550
125 x 63	11 - 17	16 - 10	EFBSS12563
160 x 40	11 - 17	16 - 10	EFBSS16040
160 x 50	11 - 17	16 - 10	EFBSS16050
160 x 63	11 - 17	16 - 10	EFBSS16063
180 x 40	11 - 17	16 - 10	EFBSS18040
180 x 50	11 - 17	16 - 10	EFBSS18050
180 x 63	11 - 17	16 - 10	EFBSS18063
200 x 40	11 - 17	16 - 10	EFBSS20040
200 x 50	11 - 17	16 - 10	EFBSS20050
200 x 63	11 - 17	16 - 10	EFBSS20063
225 x 40	11 - 17	16 - 10	EFBSS22540
225 x 50	11 - 17	16 - 10	EFBSS22550
225 x 63	11 - 17	16 - 10	EFBSS22563
250 x 63	11 - 17	16 - 10	EFBS25063
280 x 63	11 - 17	16 - 10	EFBS28063
315 x 63	11 - 17	16 - 10	EFBS31563
355 x 63	11 - 17	16 - 10	EFBS33563



### BRANCH SADDLE U/P

FITTING SIZE	SDR	PN	PRODUCT CODE
40 x 20	11 - 17	16 - 10	EFBS4020
40 x 25	11 - 17	16 - 10	EFBS4025
40 x 32	11 - 17	16 - 10	EFBS4032
63 x 20	11 - 17	16 - 10	EFBS6320
63 x 25	11 - 17	16 - 10	EFBS6325
63 x 32	11 - 17	16 - 10	EFBS6332
63 x 40	11 - 17	16 - 10	EFBS6340
63 x 50	11 - 17	16 - 10	EFBS6350
63 x 63	11 - 17	16 - 10	EFBS6363
90 x 20	11 - 17	16 - 10	EFBS9020
90 x 25	11 - 17	16 - 10	EFBS9025
90 x 32	11 - 17	16 - 10	EFBS9032
90 x 40	11 - 17	16 - 10	EFBS9040
90 x 50	11 - 17	16 - 10	EFBS9050
90 x 63	11 - 17	16 - 10	EFBS9063

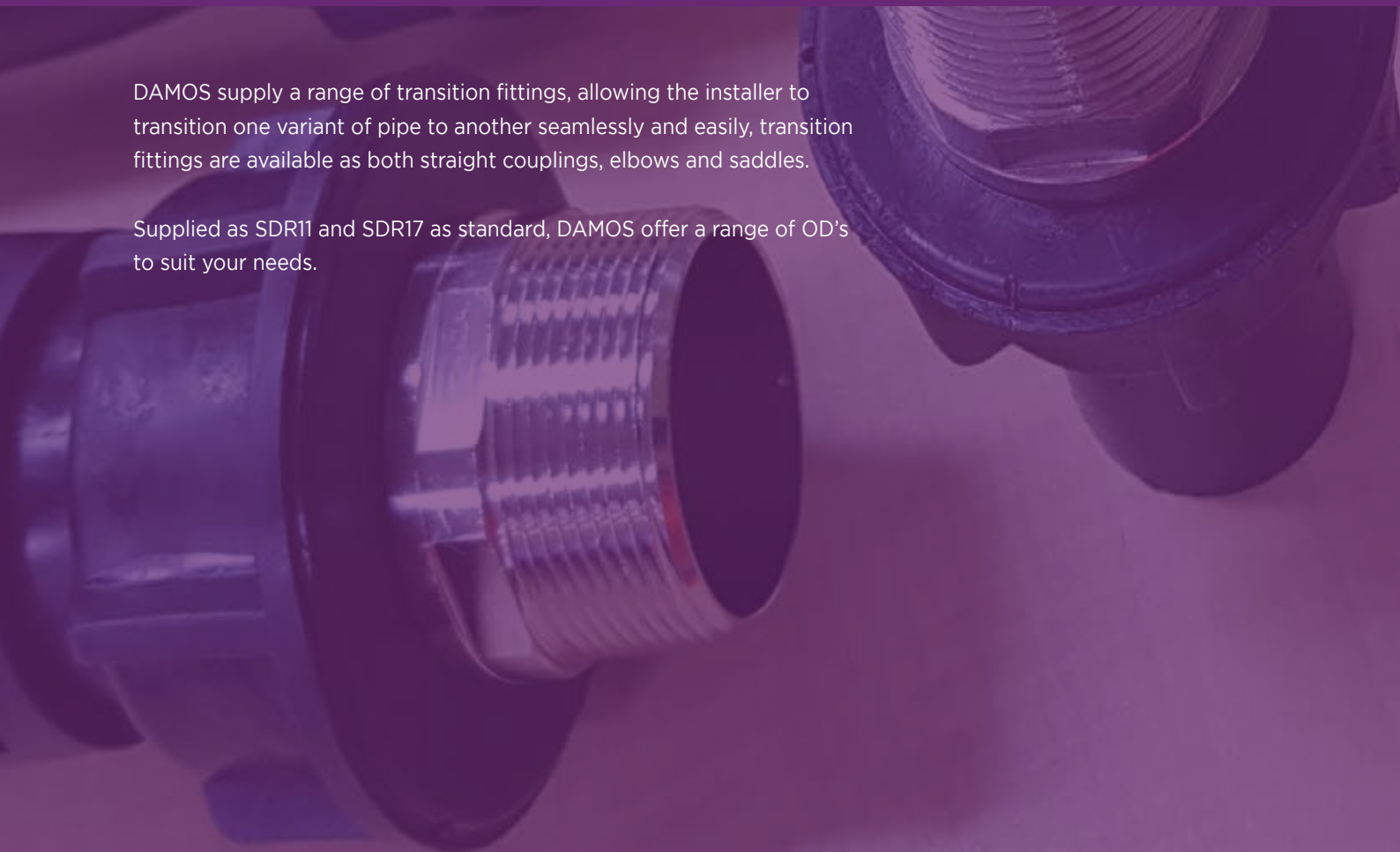




## TRANSITION FITTINGS

DAMOS supply a range of transition fittings, allowing the installer to transition one variant of pipe to another seamlessly and easily, transition fittings are available as both straight couplings, elbows and saddles.

Supplied as SDR11 and SDR17 as standard, DAMOS offer a range of OD's to suit your needs.



MALE TRANSITION COUPLER			
FITTING SIZE	SDR	PN	PRODUCT CODE
25 x 3/4"	11	16 - 10	EFTCM2520
32 x 1/2"	11	16 - 10	EFTCM3215
32 x 3/4"	11	16 - 10	EFTCM3220
32 x 1"	11	16 - 10	EFTCM3225
32 x 1.1/4"	11	16 - 10	EFTCM3232
32 x 1.1/2"	11	16 - 10	EFTCM3240
40 x 1"	11	16 - 10	EFTCM4025
40 x 1.1/4"	11	16 - 10	EFTCM4032
40 x 1.1/2"	11	16 - 10	EFTCM4040
40 x 2"	11	16 - 10	EFTCM4050
50 x 1"	11	16 - 10	EFTCM5025
50 x 1.1/4"	11	16 - 10	EFTCM5032
50 x 1.1/2"	11	16 - 10	EFTCM5040
50 x 2"	11	16 - 10	EFTCM5050
63 x 1.1/4"	11	16 - 10	EFTCM6332
63 x 1.1/2"	11	16 - 10	EFTCM6340
63 x 2"	11	16 - 10	EFTCM6350



FEMALE TRANSITION COUPLER			
FITTING SIZE	SDR	PN	PRODUCT CODE
25 x 3/4"	11	16 - 10	EFTCF2520
32 x 1"	11	16 - 10	EFTCF3225
40 x 1"	11	16 - 10	EFTCF4025
40 x 1.1/4"	11	16 - 10	EFTCF4032
40 x 1.1/2"	11	16 - 10	EFTCF4040
50 x 1.1/2"	11	16 - 10	EFTCF5040
50 x 2"	11	16 - 10	EFTCF5050
63 x 1.1/2"	11	16 - 10	EFTCF6340
63 x 2"	11	16 - 10	EFTCF6350



MALE TRANSITION 90° ELBOW			
FITTING SIZE	SDR	PN	PRODUCT CODE
25 x 3/4"	11	16 - 10	EFTEM252090
32 x 1/2"	11	16 - 10	EFTEM321590
32 x 3/4"	11	16 - 10	EFTEM325090
32 x 1"	11	16 - 10	EFTEM322590
32 x 1.1/4"	11	16 - 10	EFTEM323290
32 x 1.1/2"	11	16 - 10	EFTEM324090
40 x 1"	11	16 - 10	EFTEM402590
40 x 1.1/4"	11	16 - 10	EFTEM403290
40 x 1.1/2"	11	16 - 10	EFTEM404090
50 x 1"	11	16 - 10	EFTEM502590
50 x 1.1/4"	11	16 - 10	EFTEM503290
50 x 1.1/2"	11	16 - 10	EFTEM505090
63 x 1.1/4"	11	16 - 10	EFTEM633290
63 x 1.1/2"	11	16 - 10	EFTEM634090
63 x 2"	11	16 - 10	EFTEM634090



## FEMALE TRANSITION 90° ELBOW

FITTING SIZE	SDR	PN	PRODUCT CODE
25 x 3/4"	11	16	EFTEF252090
32 x 1"	11	16	EFTEF322590
40 x 1"	11	16	EFTEF402590
40 x 1.1/4"	11	16	EFTEF403290
40 x 1.1/2"	11	16	EFTEF404090
50 x 1.1/2"	11	16	EFTEF504090
50 x 2"	11	16	EFTEF505090
63 x 1.1/2"	11	16	EFTEF634090
63 x 2"	11	16	EFTEF635090



## MALE TRANSITION 45° ELBOW

FITTING SIZE	SDR	PN	PRODUCT CODE
32 x 1"	11	16	EFTEM322545
32 x 1.1/4"	11	16	EFTEM323245
32 x 1.1/2"	11	16	EFTEM324045
40 x 1"	11	16	EFTEM402545
40 x 1.1/4"	11	16	EFTEM403245
40 x 1.1/2"	11	16	EFTEM404045
50 x 1"	11	16	EFTEM502545
50 x 1.1/4"	11	16	EFTEM503245
50 x 1.1/2"	11	16	EFTEM504045
63 x 1.1/4"	11	16	EFTEM633245
63 x 1.1/2"	11	16	EFTEM634045
63 x 2"	11	16	EFTEM635045



## FEMALE TRANSITION 45° ELBOW

FITTING SIZE	SDR	PN	PRODUCT CODE
32 x 1"	11	16	EFTEF322545
40 x 1"	11	16	EFTEF402545
40 x 1.1/4"	11	16	EFTEF403245
40 x 1.1/2"	11	16	EFTEF404045
50 x 1.1/2"	11	16	EFTEF504045
63 x 1.1/2"	11	16	EFTEF634045
63 x 2"	11	16	EFTEF635045



## TRANSITION SADDLE

FITTING SIZE	SDR	PN	PRODUCT CODE
63 x 1.1/4"	11	16	EFTS6332
63 x 1.1/2"	11	16	EFTS6340
90 x 1.1/4"	11 - 17	16	EFTS9032
90 x 1.1/2"	11 - 17	16	EFTS9040
90 x 2"	11 - 17	16	EFTS9050
110 x 1.1/4"	11 - 17	16	EFTS11032
110 x 1.1/2"	11 - 17	16	EFTS11040
110 x 2"	11 - 17	16	EFTS11050
125 x 1.1/4"	11 - 17	16	EFTS12532
125 x 1.1/2"	11 - 17	16	EFTS12540
125 x 2"	11 - 17	16	EFTS12550
160 x 1.1/4"	11 - 17	16	EFTS16032
160 x 1.1/2"	11 - 17	16	EFTS16040
160 x 2"	11 - 17	16	EFTS16050
180 x 1.1/4"	11 - 17	16	EFTS18032
180 x 1.1/2"	11 - 17	16	EFTS18040
180 x 2"	11 - 17	16	EFTS18050
200 x 2"	11 - 17	16	EFTS20050
225 x 2"	11 - 17	16	EFTS22550
250 x 2"	11 - 17	16	EFTS25050



## TRANSITION PIECE - PE TO PVC

FITTING SIZE	SDR	PN	PRODUCT CODE
20 PE x 20 UPVC	11	16	TRANPEPVC2020
25 PE x 25 UPVC	11	16	TRANPEPVC2525
32 PE x 25 UPVC	11	16	TRANPEPVC3225
40 PE x 40 UPVC	11	16	TRANPEPVC4040
63 PE x 50 UPVC	11	16	TRANPEPVC6350
90 PE x 80 UPVC	11	16	TRANPEPVC9080
110 PE x 100 UPVC	11	16	TRANPEPVC110100
225 PE x 150 UPVC	11	16	TRANPEPVC225150





## MOULDED FITTINGS

DAMOS supply a range of injection moulded fittings, available in Standard HDPE100 and HDPE100 RC, these moulded fittings are manufactured in accordance with AS/NZS 4129 and allow the installer or asset owner to be able to install pipelines with great confidence. DAMOS moulded Stub Flanges are available in HDPE100, HSCR and HDR grade resins.

Moulded fittings are available in a range of OD's from 20mm up to 630mm, and as a standard in SDR17/PN10, SDR11/PN16 and SDR7.4/PN25; moulded fittings are available in a range of tees, elbows, stub flange, reducers, multibends, wye Junctions, concentric and eccentric reducers and shouldered ends. DAMOS also offer all moulded fittings with the option of short or long spigot, allowing the installer the simplest and most efficient installation possible.

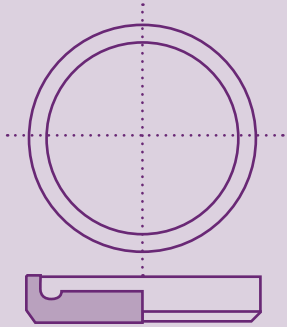
## MOULDED PE END CAPS - PE 100

OD	OVERALL LENGTH	PRODUCT CODE
25	54	ECLS25
32	60	ECLS32
40	66	ECLS40
50	74	ECLS50
63	82	ECLS63
75	90	ECLS75
90	93	ECLS90
110	106	ECLS110
125	97	ECLS125
140	120	ECLS140
160	130	ECLS160
180	120	ECLS180
200	152	ECLS200
225	141	ECLS225
250	154	ECLS250
280	117	ECLS280
315	200	ECLS315
355	120	ECLS355
400	160	ECLS400

Long spigot fittings.  
 Electro fusion + butt welding.  
  
 SDR rating to be specified.



PE END CAPS	
OD	PRODUCT CODE
20	EC20
25	EC25
32	EC32
40	EC40
50	EC50
63	EC63
75	EC75
90	EC90
110	EC110
125	EC125
140	EC140
160	EC160
180	EC180
200	EC200
225	EC225
250	EC250
280	EC280
315	EC315
355	EC355
400	EC400
450	EC450
500	EC500
560	EC560
630	EC630
710	EC710
800	EC800
900	EC900
1000	EC1000
1200	EC1200



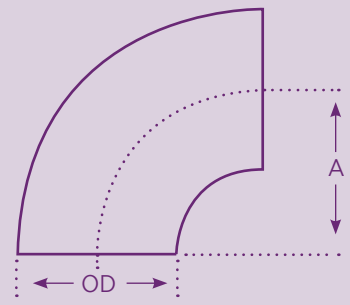
Short spigot fittings  
for butt welding.

SDR rating to be specified.



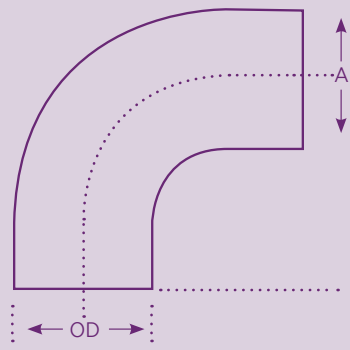


SHORT RADIUS ELBOW 90°		
OD	A	PRODUCT CODE
20	32	ESR2090
25	38	ESR2590
32	43	ESR3290
40	46	ESR4090
50	58	ESR5090
63	70	ESR6390
75	85	ESR7590
90	100	ESR9090
110	124	ESR11090
125	140	ESR12590
140	150	ESR14090
160	180	ESR16090
180	200	ESR18090
200	200	ESR20090
225	250	ESR22590
250	285	ESR25090
280	290	ESR28090
315	340	ESR31590
355	340	ESR35590
400	349	ESR40090
450	450	ESR45090
500	450	ESR50090



SDR rating to be specified.

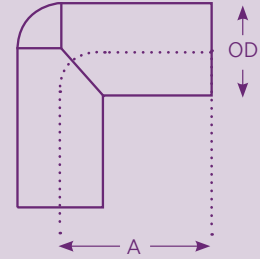
SHORT RADIUS LONG SPIGOT ELBOW		
OD	A	PRODUCT CODE
25	38	ELSSR2590
32	43	ELSSR3290
50	58	ELSSR5090
63	70	ELSSR6390
75	85	ELSSR7590
90	100	ELSSR9090
110	124	ELSSR11090
125	140	ELSSR12590
140	150	ELSSR14090
160	180	ELSSR16090
180	200	ELSSR18090
200	200	ELSSR20090
225	250	ELSSR22590
250	285	ELSSR25090
280	290	ELSSR28090
315	340	ELSSR31590



SDR rating to be specified.

## ELBOW 90° - LONG SPIGOT FITTING

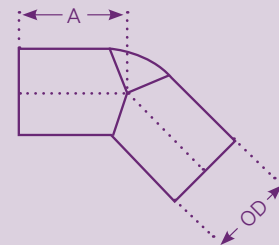
OD	A	PRODUCT CODE
20	70	ELS2090
25	80	ELS2590
32	71	ELS3290
40	83	ELS4090
50	91	ELS5090
63	111	ELS6390
75	128	ELS7590
90	130	ELS9090
110	149	ELS11090
125	165	ELS12590
140	190	ELS14090
160	191	ELS16090
180	225	ELS18090
200	219	ELS20090
225	238	ELS22590
250	303	ELS25090
280	340	ELS28090
315	370	ELS31590



SDR rating to be specified.

## ELBOW 45° - LONG SPIGOT FITTING

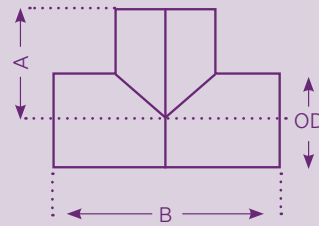
OD	A	PRODUCT CODE
20	44	ELS2045
25	48	ELS2545
32	57	ELS3245
40	63	ELS4045
50	70	ELS5045
63	80	ELS6345
75	90	ELS7545
90	104	ELS9045
110	108	ELS11045
125	132	ELS12545
140	135	ELS14045
160	156	ELS16045
180	176	ELS18045
200	172	ELS20045
225	182	ELS22545
250	217	ELS25045
280	238	ELS28045
315	256	ELS31545



SDR rating to be specified.

## MOULDED EQUAL TEE LONG SPIGOT FITTING

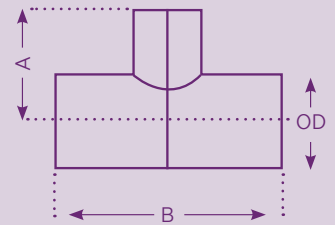
OD	A	B	PRODUCT CODE
20	35	70	TLS20
25	40	78	TLS25
32	46	88	TLS32
40	50	90	TLS40
50	52	100	TLS50
63	65	125	TLS63
75	75	147	TLS75
90	104	208	TLS90
110	120	248	TLS110
125	135	266	TLS125
140	145	293	TLS140
160	165	330	TLS160
180	177	353	TLS180
200	190	385	TLS200
225	206	440	TLS225
250	232	465	TLS250
280	270	540	TLS280
315	268	530	TLS315
355	332	665	TLS355
400	337	682	TLS400
450	450	900	TLS450
500	450	900	TLS500
560	504	1000	TLS560
630	567	1134	TLS630



SDR rating to be specified.

## MOULDED REDUCING TEE - LONG SPIGOT FITTING

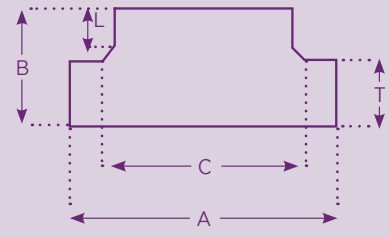
SIZE	A	B	PRODUCT CODE
90/50	132	302	TRLS9050
90/63	116	302	TRLS9063
110/50	112	335	TRLS11050
110/63	125	335	TRLS11063
110/90	137	335	TRLS11090
125/63	132.5	358	TRLS12563
125/90	144.5	358	TRLS12590
140/63	142	390	TRLS14063
140/90	154	390	TRLS14090
160/63	152	424	TRLS16063
160/90	164	424	TRLS16090
160/110	172	424	TRLS160110
160/125	171	424	TRLS160125
180/63	154	450	TRLS18063
180/90	172	450	TRLS18090
180/125	182	448	TRLS180125
200/63	184	500	TRLS20063
200/90	184	500	TRLS20090
200/110	192	500	TRLS200110
200/160	204	500	TRLS200160
225/90	197	538	TRLS22590
225/125	204	538	TRLS225125
225/160	218	538	TRLS225160
225/180	219	540	TRLS225180
250/110	217	596	TRLS250110
250/160	231	596	TRLS250160
315/110	250	703	TRLS315110
315/160	263	703	TRLS315160
315/180	264	703	TRLS315180
315/200	274	703	TRLS315200
315/225	278	703	TRLS315225
355/110	260	674	TRLS355110
355/160	276	674	TRLS355160
355/225	298	674	TRLS355225
400/110	282	740	TRLS400110
400/160	298	740	TRLS400160
400/225	320	740	TRLS400225
560/250	412	960	TRLS560250



SDR rating to be specified.

### STUB FLANGE SHORT SPIGOT FITTING

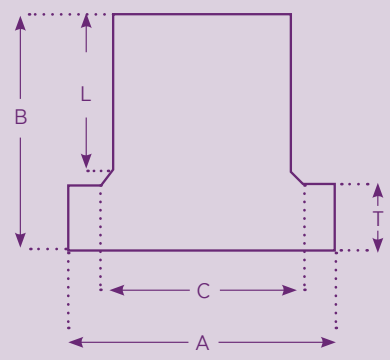
SIZE	B	L	T	A	C	PRODUCT CODE
63	60	22	20	95	78	SF63
75	60	22	20	122	92	SF75
90	60	22	20	128	103	SF90
110	60	22	20	160	124	SF110
125	65	23	25	160	128	SF125
140	65	23	25	192	155	SF140
160	65	23	25	217	168	SF160
180	65	23	25	217	180	SF180
200	75	23	30	270	225	SF200
225	80	24	30	270	230	SF225
250	80	24	35	334	276	SF250
280	85	25	35	334	290	SF280
315	90	28	40	380	330	SF315
355	100	30	40	444	364	SF355
400	100	27	40	495	417	SF400
450	110	30	60	545	470	SF450
500	125	30	60	596	520	SF500
560	130	30	60	657	582	SF560
630	130	30	60	710	640	SF630
710	130	30	60	800	735	SF710
800	130	30	60	920	825	SF800
900	130	30	60	1050	940	SF900
1000	130	30	60	1330	1025	SF1000
1200	130	30	60	1330	1245	SF1200



SDR rating to be specified.

### STUB FLANGE LONG SPIGOT FITTING

SIZE	B	L	t	A	C	PRODUCT CODE
25	73	36	9	54	33	SFLS25
32	73	38	11	65	40	SFLS32
40	79	41	12	73	50	SFLS40
50	88	45	12	84	61	SFLS50
63	98	50	15	95	75	SFLS63
75	107	56	17	108	89	SFLS75
90	121	83	20	128	103	SFLS90
110	126	88	20	160	124	SFLS110
125	137	95	25	160	128	SFLS125
140	142	100	25	192	155	SFLS140
160	147	105	25	217	168	SFLS160
180	167	125	25	217	180	SFLS180
200	174	123	30	270	225	SFLS200
225	179	123	30	270	230	SFLS225
250	183	128	35	334	276	SFLS250
280	199	140	35	334	290	SFLS280
315	196	135	40	380	330	SFLS315
355	214	145	40	444	364	SFLS355
400	242	170	40	495	417	SFLS400



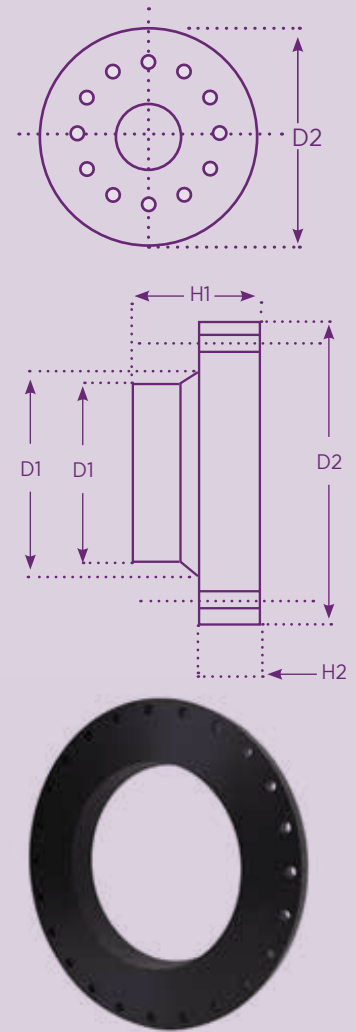
SDR rating to be specified.

## FULL FACED STUB FLANGE

DN FLANGE	D (MM)	D1 (MM)	D2 (MM)	H1 (MM)	H2 (MM)	PRODUCT CODE
50	75	95	150	50	15	SFFF63
65	88	108	165	50	15	SFFF75
80	103	129	185	80	17	SFFF90
100	124	158	215	80	18	SFFF110
100	128	158	255	80	25	SFFF125
125	151	187	255	80	25	SFFF140
150	168	213	280	80	25	SFFF160
150	190	213	280	80	30	SFFF180
200	225	270	335	95	30	SFFF200
200	230	270	335	95	30	SFFF225
250	284	322	405	100	35	SFFF250
250	294	334	405	100	35	SFFF280
300	335	380	455	105	40	SFFF315
350	366	442	525	110	45	SFFF355
400	420	495	580	110	50	SFFF400
450	470	545	640	110	60	SFFF450
500	520	596	705	125	60	SFFF500
550	580	657	760	125	60	SFFF560
600	650	710	825	130	60	SFFF630
700	735	800	910	130	60	SFFF710
800	825	940	1060	130	60	SFFF800
900	940	1025	...	130	60	SFFF900
1000	1025	1125	1225	130	60	SFFF1000
1200	1230	1330	...	170	80	SFFF1200

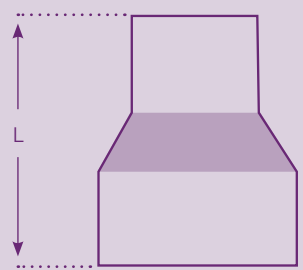
Note: DN125 (5") flange size compatible with Table D AS2129.

SDR rating to be specified.



## LONG SPIGOT REDUCER CONCENTRIC

SIZE	L	PRODUCT CODE
25/20	87	RLS2520C
32/20	92	RLS3220C
32/25	92	RLS3225C
40/20	102	RLS4020C
40/25	102	RLS4025C
40/32	101	RLS4032C
50/25	118	RLS5025C
50/32	122	RLS5032C
50/40	126	RLS5040C
63/32	136	RLS6332C
63/40	129	RLS6340C
63/50	151	RLS6350C
75/40	115	RLS7540C
75/50	148	RLS7550C
75/63	149	RLS7563C
90/50	125	RLS9050C
90/63	159	RLS9063C
90/75	163	RLS9075C
110/63	181	RLS11063C
110/75	140	RLS11075C
110/90	179	RLS11090C
125/63	187	RLS12563C
125/75	150	RLS12575C
125/90	190	RLS12590C
125/110	200	RLS125110C
140/125	211	RLS140125C
160/90	217	RLS16090C
160/110	225	RLS160110C
160/125	231	RLS160125C
160/140	229	RLS160140C
180/125	274	RLS180125C
180/160	276	RLS180160C
200/160	252	RLS200160C
225/140	295	RLS225140C
225/160	270	RLS225160C
225/180	290	RLS225180C
250/160	314	RLS250160C
250/180	295	RLS250180C
250/200	314	RLS250200C
250/225	315	RLS250225C
280/200	333	RLS280200C
280/225	335	RLS280225C
280/250	355	RLS280250C
315/200	380	RLS315200C
315/225	375	RLS315225C
315/250	375	RLS315250C
315/280	375	RLS315280C

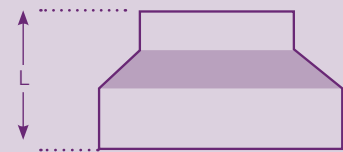


Long spigot fitting for electro fusion.

SDR rating to be specified.

## SHORT SPIGOT REDUCER CONCENTRIC

SIZE	L	PRODUCT CODE
63/32	60	R6032C
75/63	85	R7563C
90/63	75	R9063C
90/75	75	R9075C
110/63	105	R11063C
110/75	95	R11075C
110/90	100	R11090C
125/63	120	R12563C
125/75	100	R12575C
125/90	110	R12590C
125/110	102	R125110C
140/75	110	R14075C
140/90	110	R14090C
140/110	110	R140110C
140/125	110	R140125C
160/90	140	R16090C
160/110	128	R160110C
160/125	122	R160125C
160/140	120	R160140C
180/160	130	R180160C
200/140	120	R200140C
200/160	120	R200160C
225/140	115	R225140C
225/160	115	R225160C
225/200	115	R225200C
250/200	115	R250200C
250/225	115	R250225C
280/200	115	R280200C
280/225	115	R280225C
280/250	115	R280250C
315/200	120	R315200C
315/250	120	R315250C
315/280	120	R315280C
355/110	120	R355110C
355/125	120	R355125C
355/140	120	R355140C
355/160	120	R355160C
355/200	120	R355200C
355/225	120	R355225C
355/250	120	R355250C
355/280	120	R355280C
355/315	120	R355315C
400/200	125	R400200C
400/250	125	R400250C
400/280	125	R400280C

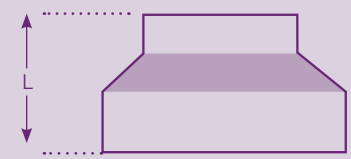


SDR rating to be specified.



### SHORT SPIGOT REDUCER CONCENTRIC - (CONT.)

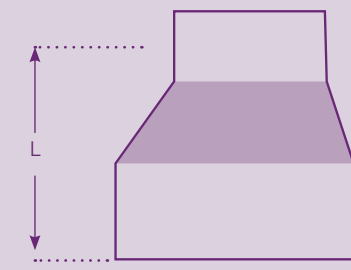
SIZE	L	PRODUCT CODE
400/315	125	R400315C
450/315	125	R450315C
450/355	125	R450355C
450/400	125	R450400C
500/355	125	R500355C
500/400	125	R500400C
500/450	125	R500450C
630/400	125	R630400C
630/450	125	R630450C
630/500	125	R630500C
710/500	125	R710500C
710/560	125	R710560C
710/630	125	R710630C
800/560	125	R800560C
800/630	125	R800630C
800/710	125	R800710C
1000/630	125	R1000630C
1000/710	125	R1000710C
1000/800	125	R1000800C
1000/900	125	R1000900C



SDR rating to be specified.

### LONG SPIGOT REDUCER ECCENTRIC

SIZE	L	PRODUCT CODE
50/32	100	R5032E
50/40	100	R5040E
63/32	100	R6332E
63/40	100	R6340E
63/50	100	R6350E
75/50	100	R7550E
75/63	100	R7563E
90/63	100	R9063E
90/75	100	R9075E
110/63	100	R11063E
110/90	100	R11090E
125/63	100	R12563E
125/90	100	R12590E
125/110	100	R125110E
140/125	100	R140125E
160/90	110	R16090E
160/110	110	R160110E
160/125	110	R160125E
160/140	110	R160140E
180/90	110	R18090E
180/125	110	R180125E
180/160	110	R180160E
200/160	115	R200160E
200/180	115	R200180E
225/160	115	R225160E
225/180	115	R225180E
225/200	115	R225200E
250/200	120	R250200E
250/225	120	R250225E

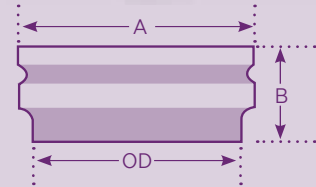


Long spigot fittings for electro fusion and butt welding.

SDR rating to be specified.

## SHOULDERED ENDS

OD	A	B	PRODUCT CODE
63	68	65	SE63
75	97	75	SE75
90	97	75	SE90
110	122	75	SE110
125	176	75	SE125
140	176	75	SE140
160	176	75	SE160
200	235	75	SE200
225	235	75	SE225
250	287	75	SE250
280	338	75	SE280
315	338	75	SE315
355	370	75	SE355
400	420	100	SE400
450	472	100	SE450
500	522	100	SE500



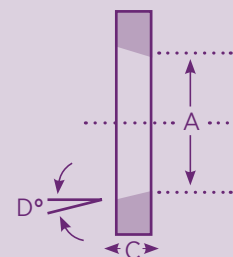
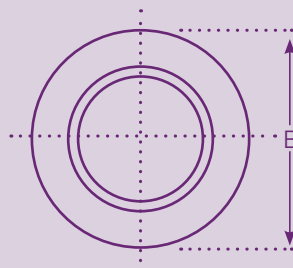
Short spigot fittings for butt welding.

SDR rating to be specified.

## PE BUTTERFLY VALVE SPACERS

BUTTERFLY VALVE NB	PIPE OD	SDR9				SDR11				PRODUCT CODE
		A	B	C	D°	A	B	C	D°	
100	110	84	160	14	30	89	160	14	20	SPACER110
125	125	96	192	25	30	102	192	25	25	SPACER125
125	140	106	192	25	25	114	192	25	20	SPACER140
150	160	123	213	25	30	130	213	25	25	SPACER160
200	200	154	270	40	35	163	270	40	30	SPACER200
200	225	173	270	40	25	183	270	25	25	SPACER225
250	250	192	334	60	30	203	334	60	25	SPACER250
250	280	215	334	40	30	228	334	30	30	SPACER280
300	315	242	380	60	35	256	380	60	30	SPACER315
350	355	273	444	100	25	289	444	60	30	SPACER355
400	400	308	495	100	25	325	492	100	25	SPACER400
450	450	346	545	100	30	366	545	100	25	SPACER450
500	500	385	602	100	30	407	602	100	25	SPACER500
600	630	-	-	-	-	513	708	55	20	SPACER630
700	710	-	-	-	-	-	-	-	-	SPACER710
800	800	-	-	-	-	-	-	-	-	SPACER800
1000	1000	-	-	-	-	-	-	-	-	SPACER1000

Butterfly valve nominal bore size. Pipe outside diameter, PN and SDR rating to be specified when ordering.  
SDR rating to be specified.



## PE BUTTERFLY VALVE SPACERS

BUTTERFLY VALVE NB	PIPE OD	SDR13.6				SDR17				PRODUCT CODE
		A	B	C	D <sup>ø</sup>	A	B	C	D <sup>ø</sup>	
100	110	-	-	-	-	-	-	-	-	SPACER110
125	125	106	192	25	25	110	192	25	25	SPACER125
125	140	106	192	25	25	-	-	-	-	SPACER140
150	160	119	192	25	15	141	213	25	20	SPACER160
200	200	136	213	25	20	176	270	25	30	SPACER200
200	225	170	270	40	25	-	-	-	-	SPACER225
250	250	191	270	25	20	220	334	30	30	SPACER250
250	280	212	334	30	35	246	334	30	20	SPACER280
300	315	238	334	30	25	277	380	30	30	SPACER315
350	355	268	380	40	30	312	444	40	30	SPACER355
400	400	302	444	60	25	352	495	40	30	SPACER400
450	450	340	495	60	30	396	545	60	30	SPACER450
500	500	382	545	60	30	440	602	50	25	SPACER500
600	630	425	602	50	30	-	-	-	-	SPACER630
700	710	535	708	55	25	625	812	100	25	SPACER710
800	800	603	812	100	35	704	948	100	30	SPACER800
900	1000	680	948	140	30	880	1136	140	30	SPACER900
1000	1000	904	1156	140	30	924	1136	100	30	SPACER1000

BUTTERFLY VALVE NB	PIPE OD	SDR21				SDR26				PRODUCT CODE
		A	B	C	D <sup>ø</sup>	A	B	C	D <sup>ø</sup>	
100	110	-	-	-	-	-	-	-	-	SPACER110
125	125	112	192	25	20	-	-	-	-	SPACER125
125	140	-	-	-	-	-	-	-	-	SPACER140
150	160	-	-	-	-	-	-	-	-	SPACER160
200	200	180	270	25	25	185	270	25	25	SPACER200
200	225	-	-	-	-	-	-	-	-	SPACER225
250	250	225	334	30	25	231	334	30	25	SPACER250

BUTTERFLY VALVE NB	PIPE OD	SDR33				PRODUCT CODE
		A	B	C	D <sup>ø</sup>	
100	110	-	-	-	-	SPACER110
125	125	-	-	-	-	SPACER125
125	140	-	-	-	-	SPACER140
150	160	-	-	-	-	SPACER160
200	200	188	270	25	20	SPACER200
200	225	-	-	-	-	SPACER225
250	250	235	334	30	25	SPACER250
250	280	-	-	-	-	SPACER280
300	315	-	-	-	-	SPACER315
350	355	334	444	40	20	SPACER355
400	400	376	495	40	20	SPACER400
450	450	423	545	40	20	SPACER450
500	500	-	-	-	-	SPACER500
600	630	-	-	-	-	SPACER630
700	710	667	812	60	20	SPACER710
800	800	752	948	60	30	SPACER800
1000	1000	940	1136	100	25	SPACER1000





## FABRICATED FITTINGS

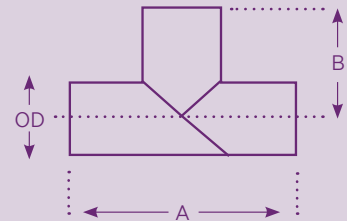
DAMOS manufacture a range of fabricated fittings, using HDPE 100, DAMOS HDR, DAMOS HSCR, and DAMOS Wear Tuff, this allows the asset owner to continue the use of speciality pipe resin right through the entire pipeline construction.

Offering full pressure rated fittings, DAMOS manufacture all fabricated fittings to AS/NZS 4129, utilising pipe manufactured in accordance to AS/NZS 4130. With state of the art facilities in both Perth and Brisbane, DAMOS manufacture fittings in black, striped and Solabloc finish.

Offering a range of styles including but not limited to sweep bends, wye Junctions, segmented bends, inverted (Scour) tees, pull tees and junctions, DAMOS produce full pressure fabricated fittings from SDR26 to SDR7.4. Fittings are offered in all OD's from 20mm up to 1200mm,

### FABRICATED TEE

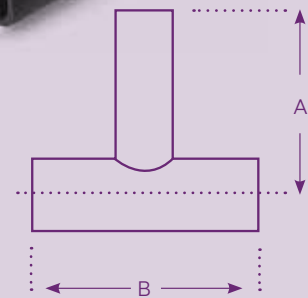
SIZE	A	B	PRODUCT CODE
90	400	200	FT90
110	500	250	FT110
125	500	250	FT125
140	500	500	FT140
160	600	500	FT160
200	650	500	FT200
225	650	550	FT225
250	700	650	FT250
280	700	650	FT280
315	800	700	FT315
355	800	700	FT355
400	1000	1100	FT400
450	1000	1100	FT450
500	1200	1200	FT500
560	1200	1200	FT560
630	1200	1200	FT630
710	1500	1700	FT710
800	1600	1700	FT800
900	1700	1700	FT900
1000	1800	1700	FT1000
1200	2400	2100	FT1200



SDR rating to be specified

### FABRICATED MOULDED REDUCING TEE

SIZE	A	B	PRODUCT CODE
200/75	355	710	FTP20075
200/90	550	600	FTP20090
200/110	550	600	FTP200110
200/125	550	600	FTP200125
200/140	550	600	FTP200140
200/160	550	600	FTP200160
225/75	550	600	FTP22575
225/90	550	600	FTP22590
225/110	550	600	FTP225110
225/140	550	600	FTP225140
225/160	550	600	FTP225160
250/90	650	600	FTP25090
250/110	650	600	FTP250110
250/125	650	600	FTP250125
250/140	650	600	FTP250140
250/160	650	600	FTP250160
250/200	650	600	FTP250200



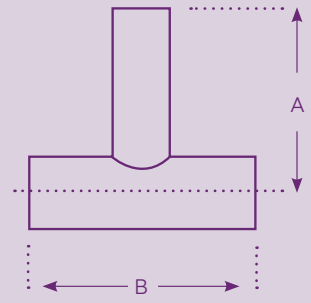
SDR rating to be specified

## FABRICATED MOULDED REDUCING TEE (CONT.)

SIZE	A	B	PRODUCT CODE
280/110	650	600	FTP280110
280/125	650	600	FTP280125
280/140	650	600	FTP280140
280/160	650	600	FTP280160
280/200	650	600	FTP280200
280/225	650	600	FTP280225
315/110	700	600	FTP315110
315/90	700	600	FTP31590
315/125	700	600	FTP315125
315/140	700	600	FTP315140
315/160	700	650	FTP315160
315/200	700	650	FTP315200
315/225	700	650	FTP315225
315/250	700	650	FTP315250
355/90	700	650	FTP35590
355/110	700	650	FTP355110
355/125	700	650	FTP355125
355/140	700	650	FTP355140
355/160	700	650	FTP355160
355/200	700	700	FTP355200
355/225	700	700	FTP355225
355/250	700	700	FTP355250
355/280	700	700	FTP355280
400/90	750	800	FTP400090
400/110	750	800	FTP400125
400/125	750	800	FTP400125
400/140	750	800	FTP400140
400/160	750	800	FTP400160
400/200	750	900	FTP400200
400/225	750	900	FTP400225
400/250	750	900	FTP400250
400/280	750	900	FTP400280
400/315	750	900	FTP400315
450/90	750	900	FTP450090
450/110	750	900	FTP450140
450/140	750	900	FTP450140
450/160	750	900	FTP450160
450/200	750	1000	FTP450200
450/225	750	1000	FTP450225
450/250	800	1000	FTP450250
450/280	800	1000	FTP450280
500/315	900	1000	FTP500315
500/355	900	1000	FTP500355
500/400	900	1000	FTP500400
560/200	900	1000	FTP560200
560/225	900	1000	FTP560225
560/250	900	1000	FTP560250

### FABRICATED MOULDED REDUCING TEE (CONT.)

SIZE	A	B	PRODUCT CODE
560/280	1200	1000	FTP560280
560/315	1200	1000	FTP560315
560/355	1200	1000	FTP560355
560/400	1200	1000	FTP560400
630/200	1200	1000	FTP630200
630/225	1200	1000	FTP630225
630/250	1200	1000	FTP630250
630/280	1200	1000	FTP630280
630/315	1200	1100	FTP630315
630/355	1200	1100	FTP630355
630/400	1200	1200	FTP630400
630/450	1200	1200	FTP630450
710/200	1100	1200	FTP710200
710/225	1100	1200	FTP710225
710/250	1100	1200	FTP710250
710/280	1200	1200	FTP710280
710/315	1200	1200	FTP710315
710/355	1200	1200	FTP710355
710/400	1300	1500	FTP710400
710/450	1300	1500	FTP710450
710/500	1300	1500	FTP710500
800/200	1100	1200	FTP800200
800/225	1100	1200	FTP800225
800/250	1200	1200	FTP800250
800/280	1200	1200	FTP800280
800/315	1200	1200	FTP800315
800/355	1300	1200	FTP800355
800/400	1300	1600	FTP800400
800/450	1400	1600	FTP800450
800/500	1400	1600	FTP800500
800/560	1500	1600	FTP800560
800/630	1500	1600	FTP800630
1000/200	1400	1200	FTP1000200
1000/225	1400	1200	FTP1000225
1000/250	1400	1200	FTP1000250
1000/280	1400	1200	FTP1000280
1000/315	1500	1200	FTP1000315
1000/355	1500	1200	FTP1000355
1000/400	1500	1700	FTP1000400
1000/450	1600	1700	FTP1000450
1000/500	1600	1700	FTP1000500
1000/560	1700	1700	FTP1000560
1000/630	1700	1700	FTP1000630
1200/250	1500	1300	FTP1200250
1200/280	1500	1300	FTP1200280
1200/315	1600	1300	FTP1200315
1200/355	1600	1300	FTP1200355
1200/400	1700	1800	FTP1200400
1200/450	1700	1800	FTP1200450
1200/500	1800	1800	FTP1200500
1200/560	1800	1800	FTP1200560
1200/630	1800	1800	FTP1200630



SDR rating to be specified

## SCOUR TEE

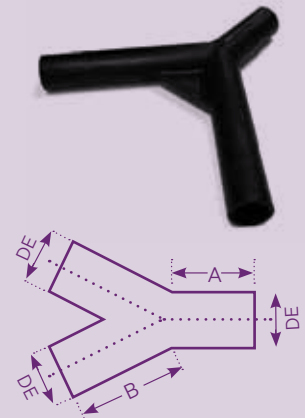
PIPE DN	PIPE BRANCH DN	FITTING LENGTH	BRANCH OFFSET	PRODUCT CODE
125	125	400	200	ST125125
180	125	450	250	ST180125
250	125	600	300	ST250125
315	180	700	600	ST315180
355	180	900	650	ST355180
450	180	900	700	ST450180
560	180	1100	750	ST560180
630	180	1100	800	ST630180
710	225	1100	800	ST710225
800	225	1100	800	ST800225
900	225	1100	800	ST900225
1000	225	1100	800	ST1000225
1200	225	1100	800	ST1200225

SDR rating to be specified.



## BUTT WELDED Y PIECES

OD	A	B	PRODUCT CODE
90	400	450	FY90
110	400	450	FY110
125	400	450	FY125
140	400	600	FY140
160	400	600	FY160
180	500	750	FY180
200	400	750	FY200
225	400	750	FY225
250	400	900	FY250
280	400	900	FY280
315	400	1050	FY315
355	500	1180	FY355
400	500	1250	FY400
450	600	1300	FY450
500	600	1400	FY500
560	800	1400	FY560
630	800	1400	FY630
710	1700	1500	FY710
800	1700	1500	FY800
900	1700	1500	FY900
1000	1700	1500	FY1000



Made to order fabricated for butt welding.

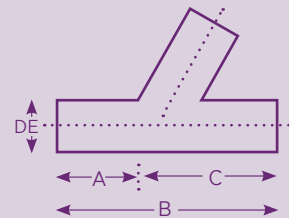
DE-ratings apply please advise angle.

SDR rating to be specified



## BUTT WELDED JUNCTIONS 45°/60°

SIZE	A	B	C	PRODUCT CODE
90	275	700	425	FJ90
110	275	700	425	FJ110
125	290	745	455	FJ125
140	306	781	475	FJ140
160	330	842	512	FJ160
180	360	950	590	FJ180
200	372	959	587	FJ200
225	425	1080	655	FJ225
250	450	1155	705	FJ250
280	490	1245	755	FJ280
315	525	1340	815	FJ315
355	575	1455	880	FJ355
400	600	1550	950	FJ400
450	625	1625	1000	FJ450
500	650	1700	1050	FJ500
560	800	2200	1400	FJ560
630	800	2300	1500	FJ630
710	900	2600	1700	FJ710
800	1000	2800	1800	FJ800
900	1100	3000	2000	FJ900
1000	1200	3400	2200	FJ1000



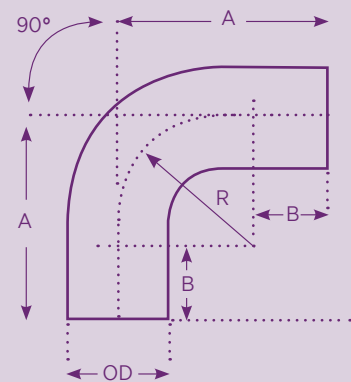
Made to order fabricated for butt welding.

DE-ratings apply please advise angle.

SDR rating to be specified

## SWEEP BEND 90°

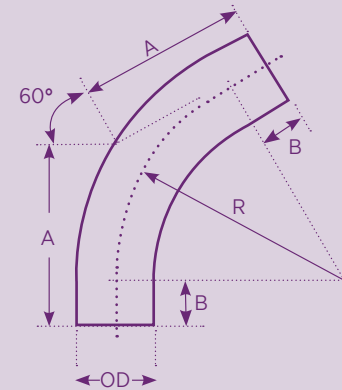
OD	A	B	R	PRODUCT CODE
20	170	70	100	FSB2090
25	170	70	100	FSB2590
32	198	70	128	FSB3290
40	230	70	160	FSB4090
50	255	70	175	FSB5090
63	300	75	225	FSB6390
75	405	100	305	FSB7590
90	405	100	305	FSB9090
110	480	100	380	FSB11090
125	530	150	380	FSB12590
140	610	150	460	FSB14090
160	610	160	460	FSB16090
200	735	200	535	FSB20090
225	735	200	535	FSB22590
250	865	200	615	FSB25090
280	865	250	615	FSB28090
315	965	250	715	FSB31590
355	1130	250	780	FSB35590
400	1420	350	1070	FSB40090
450	1450	350	1100	FSB45090
500	1650	400	1250	FSB50090
560	1682	400	1282	FSB56090
630	1715	400	1315	FSB63090
710	2897	710	2100	FSB71090
800	3000	1000	1900	FSB80090
900	3300	1000	2200	FSB90090
1000	3500	1000	2500	FSB100090



SDR rating to be specified

## SWEEP BEND 60°

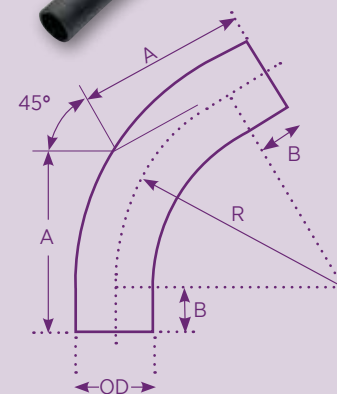
OD	A	B	R	PRODUCT CODE
20	155	100	100	FSB2060
25	155	100	100	FSB2560
32	170	100	128	FSB3260
40	190	100	160	FSB4060
50	200	100	175	FSB5060
63	230	100	225	FSB6360
75	320	150	305	FSB7560
90	320	150	305	FSB9060
110	400	180	380	FSB11060
125	400	180	380	FSB12560
140	465	200	460	FSB14060
160	465	200	460	FSB16060
200	560	250	535	FSB20060
225	560	250	535	FSB22560
250	655	300	615	FSB25060
280	705	350	615	FSB28060
315	810	400	715	FSB31560
355	950	500	780	FSB35560
400	1160	550	1070	FSB40060
450	1185	550	1100	FSB45060
500	1420	700	1250	FSB50060
560	1440	700	1282	FSB56060
630	1460	700	1315	FSB63060
710	1800	900	1562	FSB71060
800	1920	900	1760	FSB80060
900	2140	980	2100	FSB90060
1000	2210	1000	2100	FSB100060



SDR rating to be specified

## SWEEP BEND 45°

OD	A	B	R	PRODUCT CODE
20	112	70	100	FSB2045
25	112	70	100	FSB2545
32	123	70	128	FSB3245
40	136	70	160	FSB4045
50	153	70	175	FSB5045
63	175	75	225	FSB6345
75	229	100	305	FSB7545
90	229	100	305	FSB9045
110	254	100	380	FSB11045
125	304	150	380	FSB12545
140	343	150	460	FSB14045
160	343	150	460	FSB16045
200	420	200	535	FSB20045
225	420	200	535	FSB22545
250	507	200	615	FSB25045



SDR rating to be specified

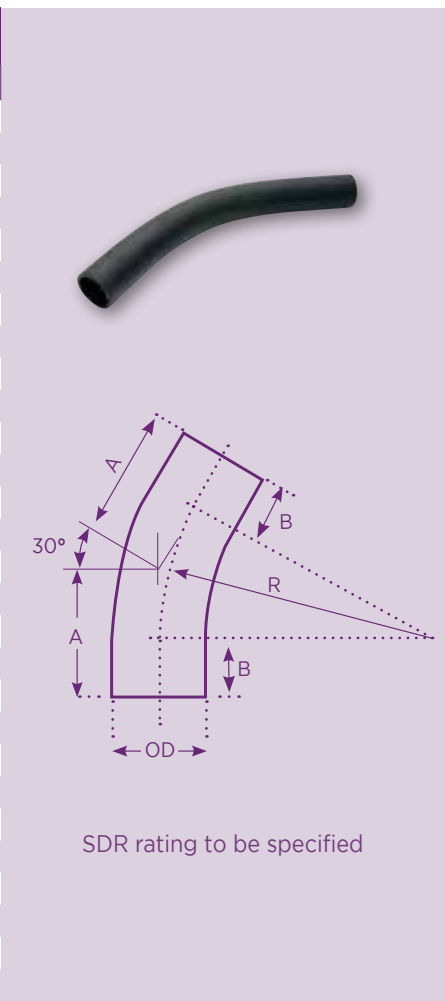
**SWEEP BEND 45° (CONT.)**

OD	A	B	R	PRODUCT CODE
280	507	250	615	FSB28045
315	528	250	715	FSB31545
355	650	250	780	FSB35545
400	690	250	1070	FSB40045
450	750	250	1100	FSB45045
500	830	300	1250	FSB50045
560	860	300	1282	FSB56045
630	920	300	1315	FSB63045
710	1608	797	2100	FSB71045
800	1728	1000	1900	FSB80045
900	1860	1000	2300	FSB90045
1000	1957	1000	2500	FSB100045
1200	2348	1200	3000	FSB120045



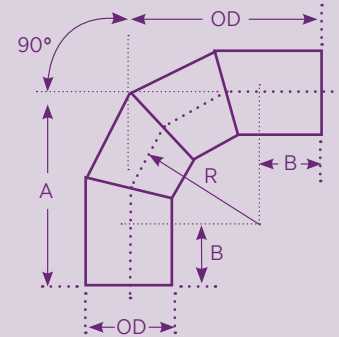
**SWEEP BEND 30°**

OD	A	B	R	PRODUCT CODE
20	130	100	100	FSB2030
25	130	100	100	FSB2530
32	134	100	128	FSB3230
40	140	100	160	FSB4030
50	146	100	175	FSB5030
63	160	100	225	FSB6330
75	230	150	305	FSB7530
90	230	150	305	FSB9030
110	280	180	380	FSB11030
125	280	180	380	FSB12530
140	320	200	460	FSB14030
160	320	200	460	FSB16030
200	320	250	535	FSB20030
225	400	250	535	FSB22530
250	460	300	615	FSB25030
280	510	350	615	FSB28030
315	605	400	715	FSB31530
355	710	500	780	FSB35530
400	830	550	1070	FSB40030
450	840	550	1100	FSB45030
500	1030	700	1250	FSB50030
560	1040	700	1282	FSB56030
630	1050	700	1315	FSB63030
710	1310	900	1562	FSB71030
800	1360	900	1760	FSB80030
900	1480	960	2040	FSB90030
1000	1550	1000	2100	FSB100030
1200	1860	1200	2520	FSB120030



## SEGMENTED BENDS 90°

SIZE	A	B	R	PRODUCT CODE
90	235	100	135	FMB9090
110	265	100	165	FMB11090
125	338	150	188	FMB12590
140	360	150	210	FMB14090
160	390	150	240	FMB16090
200	450	150	300	FMB20090
225	488	150	338	FMB22590
250	625	250	375	FMB25090
280	670	250	420	FMB28090
315	777	300	477	FMB31590
355	833	300	533	FMB35590
400	900	300	600	FMB40090
450	975	300	675	FMB45090
500	1100	350	750	FMB50090
560	1190	350	840	FMB56090
630	1295	350	945	FMB63090
710	1415	350	1065	FMB71090
800	1550	350	1200	FMB80090
900	1732	400	1350	FMB90090
1000	1900	400	1500	FMB100090
1200	2200	400	1800	FMB120090



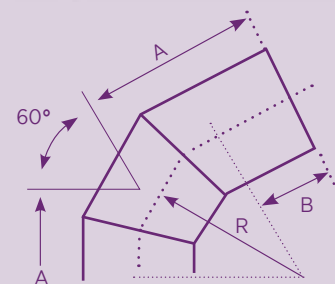
Full range of angles from 5° to 180° available on request.

Please note: DE-ratings applies.

SDR rating to be specified

## SEGMENTED BENDS 60°

SIZE	A	B	R	PRODUCT CODE
90	178	100	135	FMB9060
110	195	100	165	FMB11060
125	258	150	188	FMB12560
140	275	150	210	FMB14060
160	288	150	240	FMB16060
200	323	150	300	FMB20060
225	345	150	338	FMB22560
250	466	250	375	FMB25060
280	492	250	420	FMB28060
315	576	300	477	FMB31560
355	608	300	533	FMB35560
400	646	300	600	FMB40060
450	689	300	675	FMB45060
500	783	350	750	FMB50060
560	835	350	840	FMB56060
630	896	350	945	FMB63060
710	965	350	1065	FMB71060
800	1043	350	1200	FMB80060
900	1174	400	1350	FMB90060
1000	1267	400	1500	FMB100060
1200	1440	400	1800	FMB120060



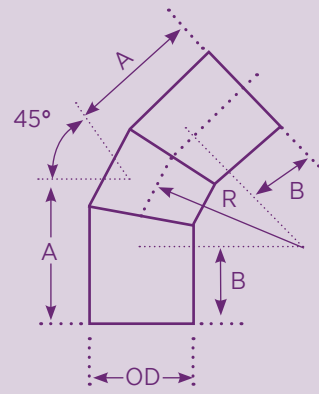
Full range of angles from 5° to 180° available on request.

Please note: DE-ratings applies.

SDR rating to be specified

### SEGMENTED BENDS 45°

SIZE	A	B	R	PRODUCT CODE
90	156	100	135	FMB9045
110	168	100	165	FMB11045
125	227	150	188	FMB12545
140	237	150	210	FMB14045
160	249	150	240	FMB16045
200	274	150	300	FMB20045
225	290	150	338	FMB22545
250	412	250	375	FMB25045
280	474	250	420	FMB28045
315	498	300	477	FMB31545
355	520	300	533	FMB35545
400	548	300	600	FMB40045
450	580	300	675	FMB45045
500	665	350	750	FMB50045
560	698	350	840	FMB56045
630	741	350	945	FMB63045
710	791	350	1065	FMB71045
800	847	350	1200	FMB80045
900	920	400	1350	FMB90045
1000	1022	400	1500	FMB100045
1200	1146	400	1800	FMB120045

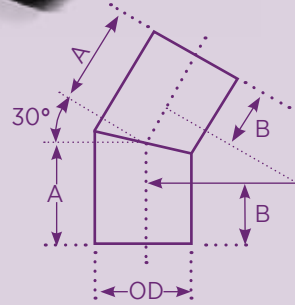


SDR rating to be specified

Full range of angles from 5° to 180° available on request. Please note: DE-ratings applies.

### SEGMENTED BENDS 30°

SIZE	A	B	R	PRODUCT CODE
90	135	100	135	FMB9030
110	143	100	165	FMB11030
125	199	150	188	FMB12530
140	205	150	210	FMB14030
160	213	150	240	FMB16030
200	230	150	300	FMB20030
225	241	150	338	FMB22530
250	350	250	375	FMB25030
280	362	250	420	FMB28030
315	428	300	477	FMB31530
355	443	300	533	FMB35530
400	461	300	600	FMB40030
450	580	300	675	FMB45045
500	665	350	750	FMB50045
560	698	350	840	FMB56045
630	741	350	945	FMB63045
710	791	350	1065	FMB71045
800	847	350	1200	FMB80045
900	920	400	1350	FMB90045
1000	1022	400	1500	FMB100045
1200	1146	400	1800	FMB120045



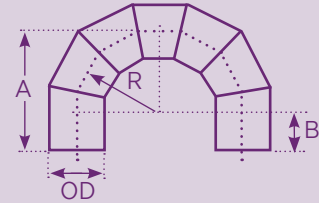
Full range of angles from 5° to 180° available on request.

Please note: DE-ratings applies.

SDR rating to be specified

## SEGMENTED BENDS 180°

SIZE	A	B	R	PRODUCT CODE
90	235	100	135	FMB90180
110	265	100	165	FMB110180
125	338	150	188	FMB125180
140	360	150	210	FMB140180
160	390	150	240	FMB160180
200	450	150	300	FMB200180
225	488	150	338	FMB225180
250	625	150	375	FMB250180
280	670	150	420	FMB280180
315	777	300	477	FMB315180
355	833	300	533	FMB355180
400	900	300	600	FMB400180
450	975	300	675	FMB450180
500	1100	350	750	FMB500180
560	1190	350	840	FMB560180
630	1295	350	945	FMB630180
710	1415	350	1065	FMB710180
800	1550	350	1200	FMB800180
900	1732	400	1350	FMB900180
1000	1900	400	1500	FMB1000180
1200	2200	400	1800	FMB1200180



SDR rating to be specified: full range of angles from 5° to 180° available on request.

Please note: DE-ratings applies.



# VICTAULIC COUPLERS

DAMOS range of mechanical couplings are spearheaded by the Victaulic brand of products, these mechanical couplings are an industry standard for mechanically connecting HDPE pipelines to each other and also for connecting HDPE pipelines to pipelines in other materials (i.e. steel).

Utilising a 2 piece external housing, and an inner rubber ring, the Victaulic coupling is secured over the pipe via a bolting system, this allows for fast assembly, with no specialty equipment needed to install the fitting. Specifically suited to smaller bore pipe, the Victaulic couplings are available in all OD's up to 1000mm, and SDR is matched to the pipe the coupling is securing.



## VICTAULIC SHOULDERED STEEL CLAMP SC77

NOMINAL	PRODUCT CODE
50	VCOUPGN7750.8
80	VCOUPGN7788.9
100	VCOUPGN77114.3
200	VCOUPGN77219.1



Designed to join shouldered steel pipe, shouldered fittings and/or valves.  
Provides a flexible joint which allows for some expansion, contraction and deflection.

## VICTAULIC HDPE PIPE 905 BLACK ENAMEL NITRILE

ISO NOMINAL	SDR	PRODUCT CODE
63	7 - 17	VCOUPBN90563
75	7 - 17	VCOUPBN90575
90	7 - 17	VCOUPBN90590
110	7 - 17	VCOUPBN905110
125	7 - 17	VCOUPBN905125
140	7 - 17	VCOUPBN905140
160	7 - 17	VCOUPBN905160
180	7 - 17	VCOUPBN905180
200	7 - 17	VCOUPBN905200
225	7 - 17	VCOUPBN905225



## VICTAULIC HDPE PIPE 905 ORANGE ENAMEL NITRILE

ISO NOMINAL	SDR	PRODUCT CODE
63	7 - 17	VCOUPON90563
75	7 - 17	VCOUPON90575
90	7 - 17	VCOUPON90590
110	7 - 17	VCOUPON905110
125	7 - 17	VCOUPON905125
140	7 - 17	VCOUPON905140
160	7 - 17	VCOUPON905160
180	7 - 17	VCOUPON905180
200	7 - 17	VCOUPON905200
225	7 - 17	VCOUPON905225

Designed for plain end HDPE pipe with an SDR from 7 to 17.



### VICTAULIC HDPE PIPE 907 BLACK ENAMEL NITRILE

ISO END TO GROOVED END	SDR	PRODUCT CODE
63 x 60.3	7 - 17	VCROUPBN90763
75 x 73.0	7 - 17	VCROUPBN90775
90 x 88.9	7 - 17	VCROUPBN90790
110 x 114.3	7 - 17	VCROUPBN907110
125 x 114.3	7 - 17	VCROUPBN907125
140 x 141.3	7 - 17	VCROUPBN907140
160 x 168.3	7 - 17	VCROUPBN907160
180 x 168.3	7 - 17	VCROUPBN907180
200 x 219.1	7 - 17	VCROUPBN907200
225 x 219.1	7 - 17	VCROUPBN907225



Designed to provide a single transition from plain end HDPE to grooved steel piping systems.

### VICTAULIC HDPE PIPE 907 ORANGE ENAMEL NITRILE

ISO END TO GROOVED END	SDR	PRODUCT CODE
63 x 60.3	7 - 17	VCROUPON90763
75 x 73.0	7 - 17	VCROUPON90775
90 x 88.9	7 - 17	VCROUPON90790
110 x 114.3	7 - 17	VCROUPON907110
125 x 114.3	7 - 17	VCROUPON907125
140 x 141.3	7 - 17	VCROUPON907140
160 x 168.3	7 - 17	VCROUPON907160
180 x 168.3	7 - 17	VCROUPON907180
200 x 219.1	7 - 17	VCROUPON907200
225 x 219.1	7 - 17	VCROUPON907225

### VICTAULIC CLAMP HDPE PIPE 908 ORANGE ENAMEL

ISO NOMINAL	SDR	PRODUCT CODE
250	7 - 17	VCROUPON908250
280	7 - 17	VCROUPON908280
315	7 - 17	VCROUPON908315
355	7 - 17	VCROUPON908355
400	7 - 17	VCROUPON908400
450	7 - 17	VCROUPON908450
500	7 - 17	VCROUPON908500
560	7 - 17	VCROUPON908560
630	7 - 17	VCROUPON908630
710	7 - 17	VCROUPON908710
800	7 - 17	VCROUPON908800
900	7 - 17	VCROUPON908900



Designed to join 200 -900mm high density HDPE pipe.

Eliminates the need for butt fusing.

## VICTAULIC HDPE PIPE 995 ORANGE ENAMEL EPDM

NOMINAL DIA.	PRODUCT CODE
50	VCOUPOE995N50
63	VCOUPOE995N63
80	VCOUPOE995N80
90	VCOUPOE995N90
100	VCOUPOE995N100
110	VCOUPOE995N110
125	VCOUPOE995N125
140	VCOUPOE995N140
125	VCOUPOE995N125
150	VCOUPOE995N150
160	VCOUPOE995N160
180	VCOUPOE995N180
200	VCOUPOE995N200
250	VCOUPOE995N250
280	VCOUPOE995N280
300	VCOUPOE995N300
315	VCOUPOE995N315
335	VCOUPOE995N335
350	VCOUPOE995N350
400	VCOUPOE995N400
450	VCOUPOE995N450
500	VCOUPOE995N500



Designed for plain end coupling for HDPE pipe with an SDR from 32.5 - 7.3.





## BACKING RINGS

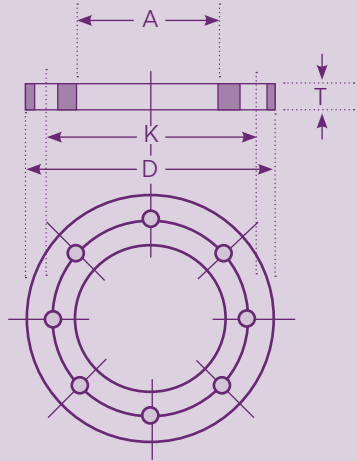
DAMOS stock and supply a vast array of backing rings, and are set up to support any project, regardless of the size or style required. With a range of product featuring, galvanised steel, and stainless steel, we supply backing rings from 20mm OD to 1200mm OD.

Available in a range of styles from Table D and E AS4087 PN16, as well as ANSI 150 and full specification ANSI, DAMOS also offer blind flanges and custom fabrication services, to provide specialty steel rings for all your project needs. Working with our national and international supply chain partners, DAMOS stock all major styles and sizes in our Perth, Kalgoorlie and Brisbane facilities.

### GALVANISED MILD STEEL BACK UP PLATE - TABLE D

OD	K	D	A	T GALV	BOLT	PRODUCT CODE
20	67	95	32	6	M12	BUP20DE
25	73	100	37	6	M12	BUP25DE
32	83	115	44	6	M12	BUP32DE
40	87	120	52	6	M12	BUP40DE
50	98	135	62	8	M12	BUP50DE
63	114	150	78	8	M16	BUP63DE
75	127	165	92	8	M16	BUP75DE
90	146	185	108	10	M16	BUP90DE
110	178	215	128	10	M16	BUP110D
125	210	255	140	13	M16	BUP125DE
140	210	255	158	13	M16	BUP140DE
160	235	280	178	13	M16	BUP160D
180	235	280	195	13	M16	BUP180D
200	292	335	235	13	M16	BUP200D
225	292	335	240	13	M16	BUP225D
250	356	405	290	16	M20	BUP250D
280	356	405	300	16	M20	BUP280D
315	406	455	345	19	M20	BUP315D
355	470	525	376	22	M24	BUP355D
400	521	580	430	22	M24	BUP400D
450	584	640	480	25	M24	BUP450D
500	641	705	533	29	M24	BUP500D
560	699	760	590	32	M27	BUP560D
630	756	825	660	32	M27	BUP630D
710	845	910	745	35	M27	BUP710D
800	984	1060	835	41	M33	BUP800D
900	1092	1175	950	48	M33	BUP900D
1000	1175	1255	1035	51	M33	BUP1000D
1200	1410	1490	1240	60	M33	BUP1200D

As2129 compliant. Can supply gaskets, bolts and washers if required



Stainless steel & coated rings are available on request.

### GALVANISED MILD STEEL BACK UP PLATE - TABLE E

OD	K	D	A	T GALV	BOLT	PRODUCT CODE
20	67	95	32	6	M12	BUP20DE
25	73	100	37	6	M12	BUP25DE
32	83	115	44	7	M12	BUP32DE
40	87	120	52	8	M12	BUP40DE
50	98	135	62	9	M12	BUP50DE
63	114	150	78	10	M16	BUP63DE
75	127	165	92	10	M16	BUP75DE
90	146	185	108	12	M16	BUP90DE
110	178	215	128	13	M16	BUP110E
125	210	255	140	14	M16	BUP125DE



## GALVANISED MILD STEEL BACK UP PLATE - TABLE A.N.S.I 150 (CONT.)

OD	K	D	A	T GALV	BOLT HOLES NO X DIA	BOLT	PRODUCT CODE
280	362	406	300	20	12X 26	M24	BUP280A150
315	432	483	345	25	12 X 26	M24	BUP315A150
355	476	535	376	28	12 X 29	M24	BUP355A150
400	540	600	430	32	16 X 29	M24	BUP400A150
450	578	635	480	36	16 X 32	M30	BUP450A150
500	635	700	533	40	20 X 32	M30	BUP500A150
560	692	750	590	46	20 X 36	M33	BUP560A150
630	749	813	660	50	20 X 35	M30	BUP630A150
710	864	927	845	71	28 X 35	M33	BUP710A150
800	978	1060	835	81	28 X 41	M33	BUP800A150
1000	1124	1240	1030	90	36 X 41	1 1/2"	BUP1000A150
1200	1422.5	1510	1235		44 X 41	1 3/4"	BUP1200A150

As2129 compliant. Can supply gaskets, bolts and washers if required

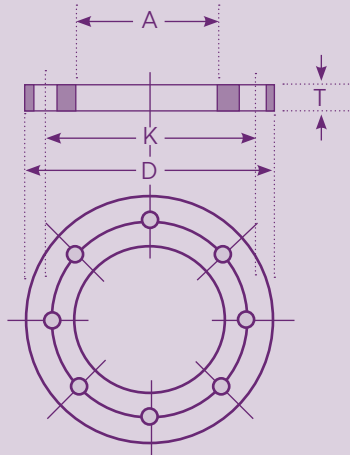
## GALVANISED BACKING RINGS AS4087 PN16

OD	K	D	A	T GALV	T SS	BOLT	PRODUCT CODE
63	114	150	78	11	18	4	BUP63DE
75	127	165	92	11	18	4	BUP75DE
90	146	185	108	11	18	4	BUP90DE
110	178	215	128	13	18	4	BUP110D
160	235	280	178	13	18	8	BUP160D
200	292	335	235	19	18	8	BUP200D
225	292	335	240	19	18	8	BUP225D
250	356	405	290	19	22	8	BUP250D
315	406	455	345	23	22	12	BUP315D
355	470	525	376	30	26	12	BUP355E
375	495	550	430	30	26	12	BUP375AS4087
400	521	580	430	30	26	12	BUP400E
450	584	640	480	38	26	12	BUP0450AS4087
500	641	705	533	48	26	16	BUP500E
630	756	825	660	56	30	16	BUP630AS4087
710	845	910	745	56	30	20	BUP710AS4087
800	984	1060	835	56	36	20	BUP800AS4087
900	1092	1175	950	66	36	24	BUP900AS4087
1000	1175	1255	1035	66	36	24	BUP1000AS4087
1200	1410	1490	1240	76	36	32	BUP1200AS4087



## GALVANISED MILD STEEL BACK UP PLATE - TABLE E (CONT.)

OD	K	D	A	T GALV	BOLT	PRODUCT CODE
140	210	255	158	14	M16	BUP140DE
160	235	280	178	17	M20	BUP160E
180	235	280	195	17	M20	BUP180E
200	292	335	235	19	M20	BUP200E
225	292	335	240	19	M20	BUP225E
250	356	405	290	22	M20	BUP250E
280	356	405	300	22	M20	BUP280E
315	406	455	345	25	M24	BUP315E
355	470	525	376	29	M24	BUP355E
400	521	580	430	32	M24	BUP400E
450	584	640	480	32	M24	BUP450E
500	641	705	533	38	M24	BUP500E
560	699	760	590	44	M27	BUP560E
630	756	825	660	48	M30	BUP630E
710	845	910	745	51	M30	BUP710E
800	984	1060	835	54	M33	BUP800E
900	1092	1175	950		M33	BUP900E
1000	1175	1255	1035	67	M36	BUP1000E
1200	1410	1490	1240	79	M36	BUP1200E



Stainless steel & coated rings are available on request.

As2129 compliant. Can supply gaskets, bolts and washers if required

## GALVANISED BACK UP PLATE PN20 A.N.S.I 150

OD	K	D	A	T GALV	BOLT	PRODUCT CODE
20	60.5	90	32	6	M12	BUP20A150
25	70	98	37	8	M12	BUP25A150
32	79.5	108	44	8	M12	BUP32A150
40	89	117	52	8	M12	BUP40A150
50	98.5	127	62	10	M12	BUP50A150
63	120.5	152	78	10	M16	BUP63A150
75	139.5	178	92	10	M16	BUP75A150
90	152	191	108	12	M16	BUP90A150
110	190.5	229	128	12	M16	BUP110A150
125	216	254	140	16	M16	BUP125A150
140	216	254	158	16	M16	BUP140A150
160	241	279	178	16	M20	BUP160A150
180	241	279	195	16	M20	BUP180A150
200	298.5	343	235	20	M20	BUP200A150
225	298.5	343	240	20	M20	BUP225A150
250	362	406	290	20	M24	BUP250A150



Stainless steel & coated rings are available on request.

As2129 compliant.

## GALVANISED BLIND FLANGES TABLE D

d <sub>e</sub>	K	D	b	d	BOLT	BOLT SIZE	PRODUCT CODE
20	67	95	6	14	4	M12	BLIND20DE
25	73	100	6	14	4	M12	BLIND25DE
32	83	115	6	14	4	M12	BLIND32DE
40	87	120	6	14	4	M12	BLIND40DE
50	98	135	8	14	4	M12	BLIND50DE
63	114	150	8	18	4	M16	BLIND63DE
75	127	165	8	18	4	M16	BLIND75DE
90	146	185	10	18	4	M16	BLIND90DE
110	178	215	10	18	4	M16	BLIND100D
125	210	255	13	18	8	M16	BLIND125DE
140	210	255	13	18	8	M16	BLIND140DE
160	235	280	13	18	8	M16	BLIND160D
180	235	280	13	18	8	M16	BLIND180D
200	292	335	13	18	8	M16	BLIND200225D
225	292	335	13	18	8	M16	BLIND200225D
250	356	405	16	22	8	M20	BLIND250D
280	356	405	16	22	8	M20	BLIND280D
315	406	455	19	22	12	M20	BLIND315D
355	470	525	22	26	12	M24	BLIND355D
400	521	580	22	26	12	M24	BLIND400D
450	584	640	25	26	12	M24	BLIND450D
500	641	705	29	26	16	M24	BLIND500D
560	699	760	32	30	16	M27	BLIND560D
630	756	825	32	30	16	M27	BLIND630D
710	845	910	35	30	20	M27	BLIND710D
800	984	1060	41	36	20	M33	BLIND800D
900	1092	1175	48	36	24	M33	BLIND900D
1000	1175	1255	51	36	24	M33	BLIND1000D
1200	1410	1490	60	36	32	M33	BLIND1200D



## GALVANISED BLIND FLANGES TABLE E

d <sub>e</sub>	K	D	b	d	BOLT	BOLT SIZE	PRODUCT CODE
20	67	95	6	14	4	M12	BLIND20DE
25	73	100	6	14	4	M12	BLIND25DE
32	83	115	7	14	4	M12	BLIND32DE
40	87	120	6	14	4	M12	BLIND40DE
50	98	135	8	14	4	M12	BLIND50DE
63	114	150	9	18	4	M16	BLIND63DE
75	127	165	10	18	4	M16	BLIND75DE
90	146	185	10	18	4	M16	BLIND90DE
110	178	215	12	18	8	M16	BLIND110E
125	210	255	13	18	8	M16	BLIND125DE
140	210	255	14	18	8	M16	BLIND140DE
160	235	280	14	18	8	M20	BLIND160E
180	235	280	17	22	8	M20	BLIND180E
200	292	335	17	22	8	M20	BLIND200225E





## GALVANISED BLIND FLANGES TABLE E (CONT.)

d <sub>e</sub>	K	D	b	d	BOLT	BOLT SIZE	PRODUCT CODE
225	292	335	19	22	8	M20	BLIND200225E
250	356	405	19	22	12	M20	BLIND250E
280	356	405	22	22	12	M20	BLIND280E
315	406	455	25	22	12	M24	BLIND315E
355	470	525	29	26	12	M24	BLIND355E
400	521	580	32	26	12	M24	BLIND400E
450	584	640	32	26	16	M24	BLIND450E
500	641	705	38	26	16	M24	BLIND500E
560	699	760	44	30	16	M27	BLIND560E
630	756	825	48	33	16	M30	BLIND630E
710	845	910	51	33	20	M30	BLIND710E
800	984	1060	54	36	20	M33	BLIND800E
900	1092	1175	64	36	24	M33	BLIND900E
1000	1175	1255	67	39	24	M36	BLIND1000E
1200	1410	1490	79	39	32	M36	BLIND1200E

## GALVANISED BLIND FLANGES A.N.S.I

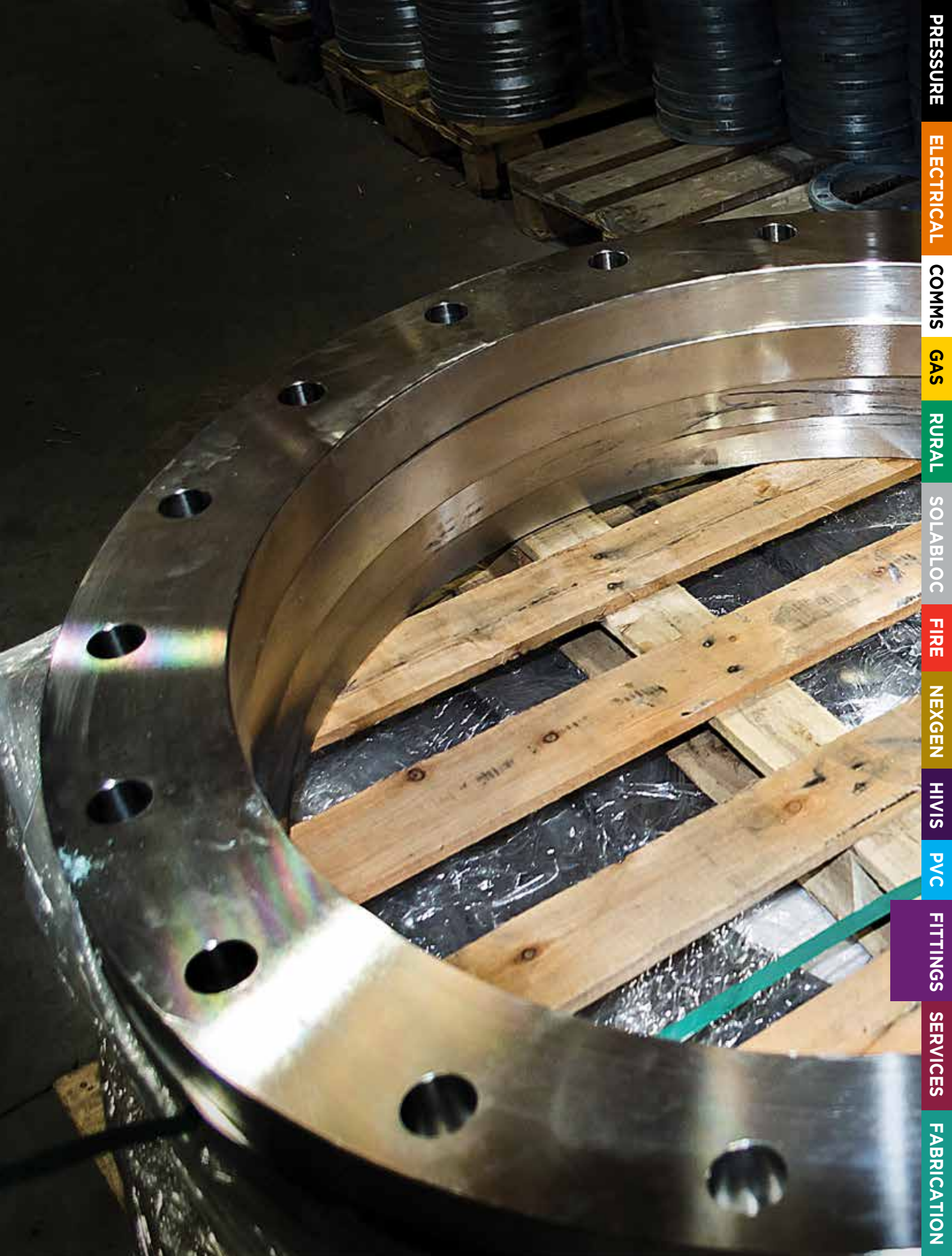
d <sub>e</sub>	K	D	b	d	BOLT	BOLT SIZE	PRODUCT CODE
20	60.5	90	6	16	4	1/2"	BLIND20A150
25	70	98	8	16	4	1/2"	BLIND25A150
32	79.5	108	8	16	4	1/2"	BLIND32A150
40	89	117	8	16	4	1/2"	BLIND40A150
50	98.5	127	10	16	4	1/2"	BLIND50A150
63	120.5	152	10	20	4	5/8"	BLIND63A150
75	139.5	178	10	20	4	5/8"	BLIND75A150
90	152	191	12	20	4	5/8"	BLIND90A150
110	190.5	229	12	20	8	5/8"	BLIND110A150
125	216	254	16	23	8	3/4"	BLIND125A150
140	216	254	16	23	8	3/4"	BLIND140A150
160	241	279	16	23	8	3/4"	BLIND160A150
180	241	279	16	23	8	3/4"	BLIND180A150
200	298.5	343	20	23	8	3/4"	BLIND200225A150
225	298.5	343	20	23	8	3/4"	BLIND200225A150
250	362	406	20	26	12	7/8"	BLIND250A150
280	362	406	20	26	12	7/8"	BLIND280A150
315	432	483	25	26	12	7/8"	BLIND315A150
355	476	535	28	29	12	1"	BLIND355A150
400	540	600	32	29	16	1"	BLIND400A150
450	578	635	36	32	16	1.1/8"	BLIND450A150
500	635	700	40	32	20	1.1/8"	BLIND500A150
560	692	750	46	35	20	1.1/4"	BLIND560A150
630	749	813	50	35	20	1.1/4"	BLIND630A150
710	863.5	927	71	35	28	1.1/4"	BLIND710A150
800	978	1060	81	41	28	1.1/2"	BLIND800A150
900	1085.8	1170	90	41	32	1.1/2"	BLIND900A150
1000	1200.2	1290	90	41	36	1.1/2"	BLIND1000A150
1200	1422.5	1510	108	41	44	1.1/2"	BLIND1200A150



## GALVANISED BLIND FLANGES 4087

OD	K	D	T GALV	T SS	BOLT	PRODUCT CODE
63	114	150	11	18	4	BLIND63DE
75	127	165	11	18	4	BLIND75DE
90	146	185	11	18	4	BLIND90DE
110	178	215	13	18	4	BLIND110D
160	235	280	13	18	8	BLIND160D
180	235	280	13	18	8	BLIND180D
200	292	335	19	18	8	BLIND200225D
225	292	335	19	18	8	BLIND200225D
250	356	405	19	22	8	BLIND250D
315	406	455	23	22	12	BLIND315D
355	470	525	30	26	12	BLIND355E
375	495	550	30	26	12	BLIND375AS4087
400	521	580	30	26	12	BLIND400E
450	584	640	38	26	12	BLIND450AS4087
500	641	705	48	26	16	BLIND500AS4087
630	756	825	56	30	16	BLIND630AS4087
710	845	910	56	30	20	BLIND710AS4087
800	984	1060	56	36	20	BLIND800AS4087
900	1092	1175	66	36	24	BLIND900AS4087
1000	1175	1255	66	36	24	BLIND1000AS4087
1200	1410	1490	76	36	32	BLIND1200AS4087





PRESSURE

ELECTRICAL

COMMS

GAS

RURAL

SOLABLOC

FIRE

NEXGEN

HIVIS

PVC

FITTINGS

SERVICES

FABRICATION

## SERVICES



DAMOS Services, is the rental division of DAMOS, focusing on supporting installers and contractors with essential equipment and tooling to enable them to ensure the project is installed as smoothly as possible.

DAMOS offer a comprehensive fleet of products for both short and long term rental, encompassing fast fusion butt welding machines, fusion welding machines, extrusion welders, electrofusion welders, vac lifts and coil trailers. Featuring some of the world's leading brand name manufacturers DAMOS hire fleet includes products from OEMs such as McElroy, Dixon, and Worldpoly; all our coil trailers feature the patented Line Tamer de coiling system, making for a speedier and safer installation of coils.

DAMOS offer butt fusion and fast fusion welding machines capable of welding from 32mm to 1200mm pipe and fittings, we also offer a comprehensive range of accessories, and attachments for these machines to aid in the installation of bends, sweeps and various fittings. Our coil trailers are capable of handling pipe from 25mm to 160mm OD, operating from SDR 21 to SDR 7.4.





## POLYWELDING MACHINES

BRAND	MODEL	PIPE OD (MM)	WHEELED	TRACKED	STATIONERY
<b>DIXON</b>	LH110	110-32			✓
	HF225	225-90	✓		
	HF 350	355-110	✓		
	HF350	355-200	✓		
	HF350	355-200	✓		
	HF450	455-200			✓
	HF630	630-355			✓
	HF630	630-355	✓		
<b>WORLDPOLY</b>	WHDS 160	160-63			✓
	WHD 160	160-63			✓
	WHD 250	250-90			✓
	WHD 315	315-90			✓
	WHD 1000	1000-500			✓
	WHD 1200	1200-630			✓



## FAST FUSION WELDING MACHINES

BRAND	MODEL	PIPE OD (MM)	WHEELED	TRACKED	DATA LOGGER
MCELROY	T630	630-250		✓	✓
	T900	900-450		✓	✓
	T500	500-200		✓	✓

## EXTRUSION WELDERS

BRAND	DESCRIPTION	WIRE CAPACITY (MM)
LEISTER	Extrusion Welder	4,5,6



## VACUUM LIFTS

BRAND	MODEL	WEIGHT (KG)	LIFT CAPACITY (TONNES)	VACULOK SAFETY SYSTEM ENABLED
VACUWORX	RC10	967	25	✓



## DE COILING TRAILERS

BRAND	PIPE OD	SDR	LINE TAMER UNIT	WHEELED
DAMOS	32-110	21, 17, 13.6, 11, 9	✓	✓
DAMOS	90-160	21, 17, 13.6, 11, 9	✓	✓

## GENERATORS

BRAND	MODEL
KUBOTA	Low Boy GL6000
KUBOTA	KJ-TX130DX

Nb. Additional equipment is available including, Automated Torrqe wrenches, pipe rollers, roller slings and accessories, please our sales department for further information

## FABRICATION



DAMOS offer a comprehensive range of fabrication services, and spool fabrication, from within our custom built state of the art fabrication facilities in both Perth and Brisbane; compliant to all relevant AS/NZS standards, the fabrication section of the business aids and supports installers and asset owners for a speedier installation, whilst at the same time mitigating risk on site.

Utilising our team of highly skilled technicians and welding specialists, DAMOS fabrication are able to provide custom assembles, spool work, tank fabrication, proprietary assemblies, strainers and complex fabrication work.

Working within the AS/NZS 4131, AS/NZS 4130 and AS/NZS 4129 standards, DAMOS pride ourselves, on our ability to save contractors precious time on major projects, whilst producing work to the highest possible quality standards. DAMOS fabrication offer a range of custom products and services in both HDPE and Steel, and are able to produce full isometric drawings and details.

Having operated in the HDPE and PVC pipe manufacturing industry for over 50 years, DAMOS fabrication team of skilled engineers and technicians are here to work closely with asset owners and contractors, in order to deliver complex pipeline solutions to the highest possible standard.

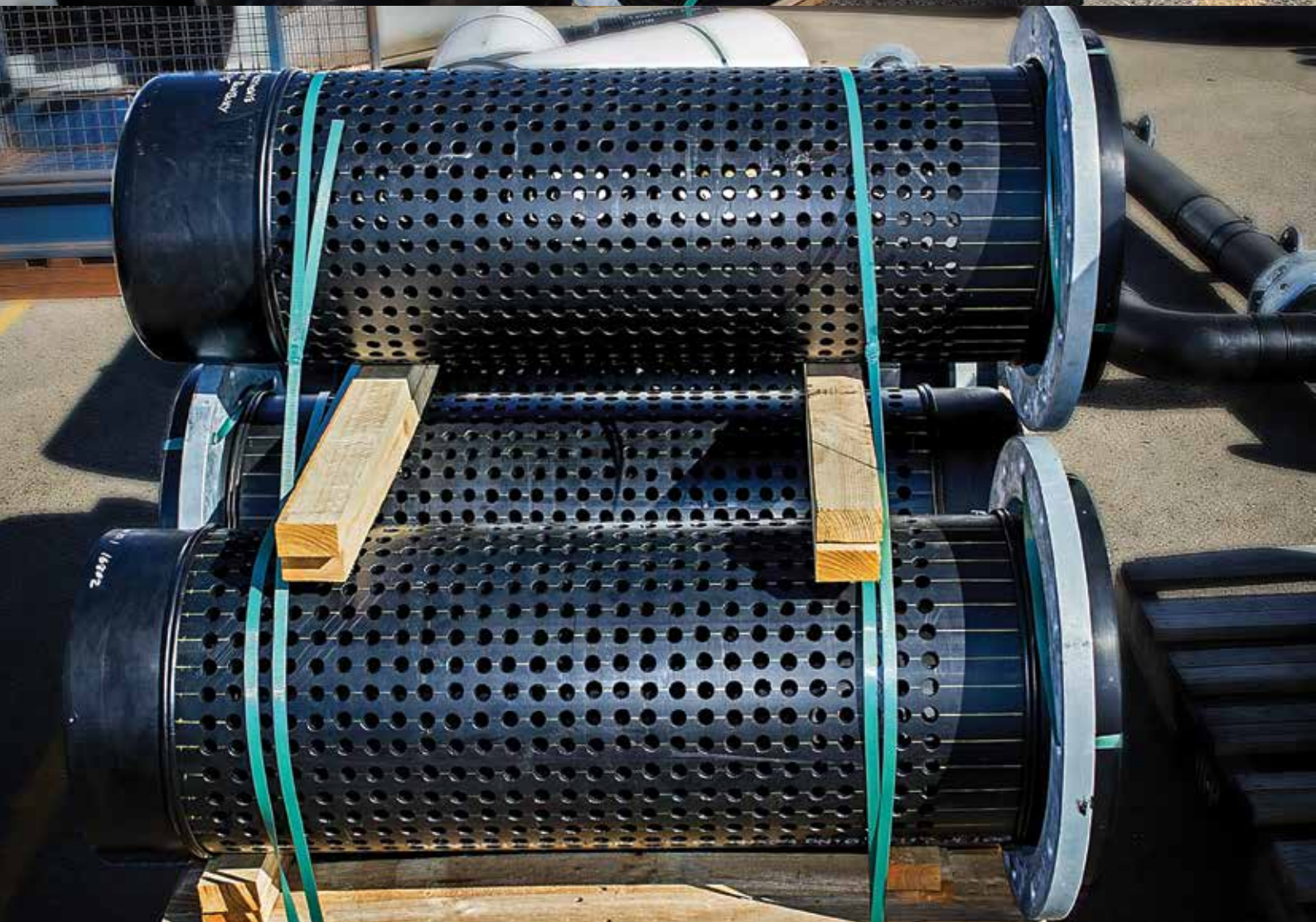






\* All fabricated products are also available in co-extruded white.

PRESSURE  
ELECTRICAL  
COMMS  
GAS  
RURAL  
SOLABLOC  
FIRE  
NEXGEN  
HIVIS  
PVC  
FITTINGS  
SERVICES  
FABRICATION





PRESSURE  
ELECTRICAL  
COMMS  
GAS  
RURAL  
SOLABLOC  
FIRE  
NEXGEN  
HIVIS  
PVC  
FITTINGS  
SERVICES  
FABRICATION



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**E:** brisales@davidmoss.com.au

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