

PLASTICOAT™ Ducting
CODEMASTER™ Composite Hose
REOMASTER™ Steel Reinforcement
MINEMASTER™ Mine Ventilation
PIPEMASTER™ PVC Pipe

CONTAINMENT Container Liners

The Company's manufacturing history goes back over fifty years with the introduction of the Plasticoat range of industrial coatings and flexible ducting in the late fifties. Our Head Office and Manufacturing Centre in Chambers Road, Altona North, Victoria commenced operations in 1961 and has since grown to accommodate the ever evolving manufactured product range and now covers over three hectares.

In 2002, as our Australian network spread, we opened a second major Distribution Centre in Perth, WA. This is now located in Bassendean on an 8000 m² site and services an extensive customer base, on the West Coast. In 2010 we continued our company expansion into Brisbane's Northgate. In addition to our National customer base we have developed an important export market for a range of our products that are now sold throughout New Zealand, South East Asia, South Africa and the Middle East.

We are Associate members of many industry groups including The Australian Chamber of Manufacturers, The Association for Hose and Accessories Distribution (NAHAD). We are also certified to ISO 9001.

All our products are manufactured to the relevant Australian Standards and tested under strict quality control procedures. We hold numerous Standards Licences.

Being a privately owned Company we pride ourselves on our ability to supply solutions for customised product or service requests - no matter how difficult or how large or small such requests are. We have a dedicated and focused team at Plascorp that we believe gives us that all important point of difference.



- AS/NZS 1477
- AS/NZS 1260
- AS/NZS 1254
- AS/NZS 2053
- AS/NZS 4671
- ISO 9001



PG.06

PLASTICOAT™ Ducting

PG.16

CODEMASTER™ Composite Hose

PG.25

REOMASTER™ Steel Reinforcement

PG.36

MINEMASTER™ Mine Ventilation

PG.44

PIPEMASTER™ PVC Pipe

PG.50

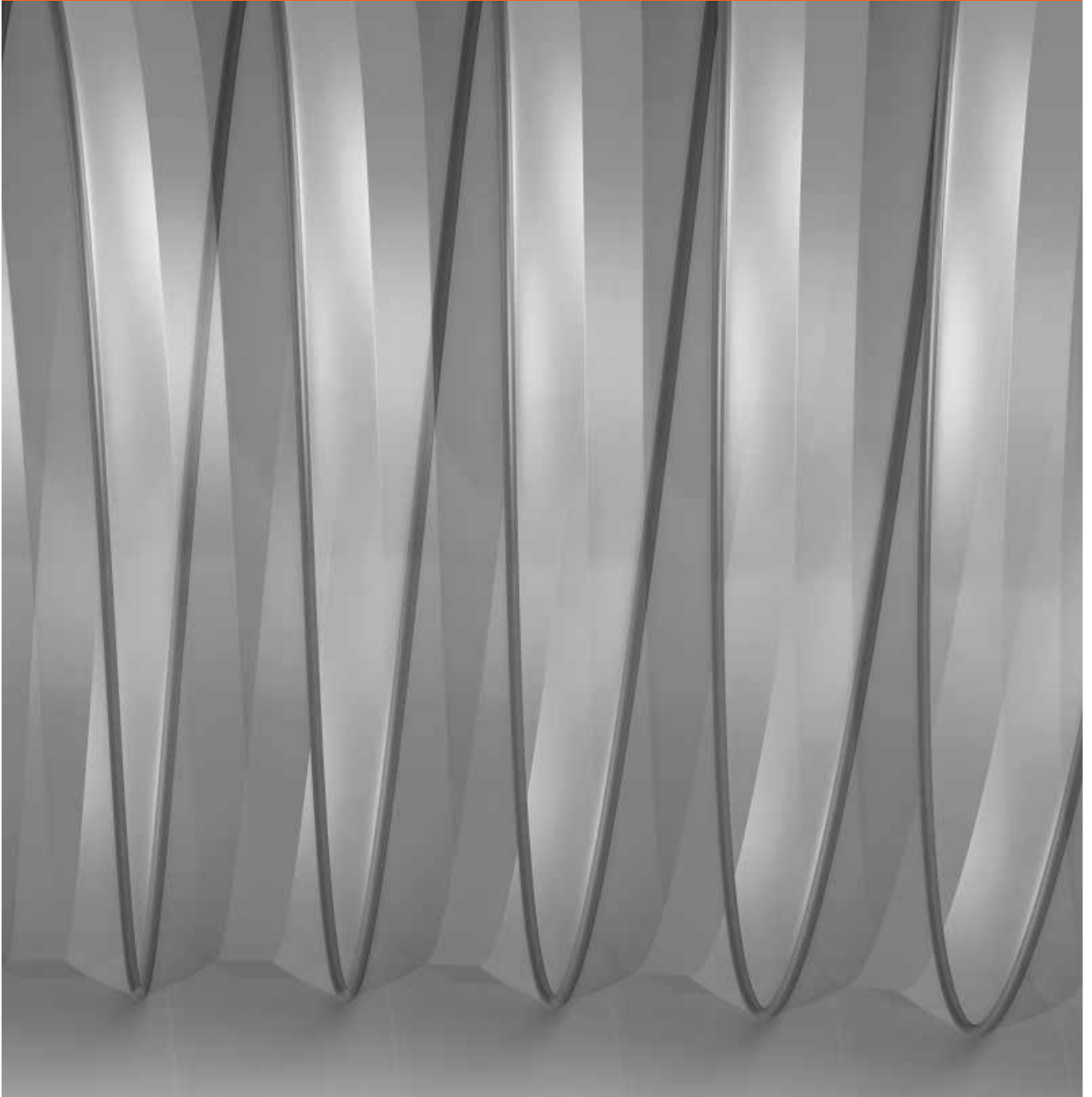
CONTAINMENT Container Liners











PLASTICOAT™ INTRODUCTION

PLASTICOAT™ HAS BEEN MANUFACTURING INDUSTRIAL FLEXIBLE HOSE FOR OVER 50 YEARS. THE PRODUCT IS AVAILABLE THROUGH AN EXTENSIVE DISTRIBUTION NETWORK ACROSS AUSTRALIA AND NEW ZEALAND.



MULTIFLEX		    				
Multiflex is a lightweight, convoluted, highly flexible ducting able to be positioned in very limited spaces with little reduction in the cross sectional area.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Black. Temperature Range / 0°C - 50°C Material / PVC		25	1	25	0.4	10
		32	1¼	32	0.4	10
		39	1½	39	0.4	10
		44	1¾	44	0.4	10
		51	2	51	0.4	10
		57	2¼	57	0.4	10
		63	2½	63	0.4	10
		76	3	76	0.4	10
		83	3¼	83	0.4	10
		89	3½	89	0.4	10
102	4	102	0.4	10		



PLASTIFLEX / GREY / CLEAR / BLUE		    				
Plastiflex is light, flexible and easy to install. It is our most versatile duct product.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Grey / Blue / Clear Temperature Range / 0°C - 50°C Material / PVC		39	1½	80	0.5	10
		51	2	102	0.5	10
		57	2¼	114	0.5	10
		63	2½	126	0.5	10
		76	3	152	0.5	10
		83	3¼	166	0.5	10
		89	3½	178	0.5	10
		102	4	204	0.5	10
		114	4½	228	0.5	10
		127	5	254	0.5	10
152	6	304	0.5	10		
178	7	356	0.5	10		
203	8	406	0.5	10		
229	9	458	0.5	10		
254	10	508	0.5	10		
280	11	560	0.5	10		
305	12	610	0.5	10		
356	14	712	0.5	5		
381	15	762	0.5	5		
406	16	812	0.5	5		
457	18	914	0.5	5		
508	20	1016	0.5	5		
559	22	1118	0.5	5		
600	24	1220	0.5	5		




TUFLEX						
Tuflex is constructed of polyester coated in fire retardant anti-static pvc. It is recommended where service conditions require lightweight ducting and anti static environments.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Black Temperature Range / -30 °C to 70 °C Material / Fras PVC		51	2	102	0.5	10
		57	2 ^{1/4}	114	0.5	10
		63	2 ^{1/2}	126	0.5	10
		76	3	152	0.5	10
		83	3 ^{1/4}	166	0.5	10
		89	3 ^{1/2}	178	0.5	10
		102	4	204	0.5	10
		114	4 ^{1/2}	228	0.5	10
		127	5	254	0.5	10
		152	6	304	0.5	10
		178	7	356	0.5	10
		203	8	406	0.5	10
		229	9	458	0.5	10
		254	10	508	0.5	10
		280	11	560	0.5	10
		305	12	610	0.5	10
		356	14	712	0.5	5
		381	15	762	0.5	5
		406	16	812	0.5	5
		457	18	914	0.5	5
508	20	1016	0.5	5		
559	22	1118	0.5	5		
600		1220	0.5	5		

Sizes from 356ml to 600mm manufactured to order.

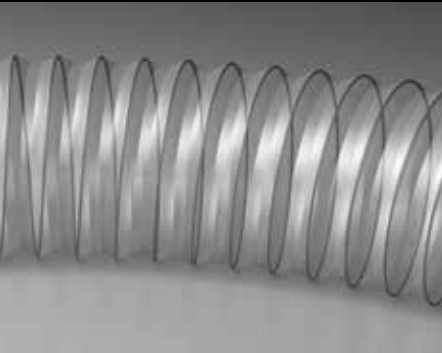
T.P.R.D (THERMO PLASTIC RUBBER DUCTING)						
TPRD is constructed from a Thermo Plastic Rubber compound with a wire helix reinforcement. An excellent general purpose ducting with good abrasive qualities and UV resistance.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Black Temperature Range / -50 °C to 100 °C Material / UV Resistant Rubber		39	1 ^{1/2}	80	0.6	10
		51	2	102	0.6	10
		63	2 ^{1/2}	126	0.6	10
		76	3	152	0.6	10
		89	3 ^{1/2}	178	0.6	10
		102	4	204	0.6	10
		114	4 ^{1/2}	228	0.6	10
		127	5	254	0.6	10
		152	6	304	0.6	10
		178	7	356	0.6	10
		203	8	406	0.6	10
		229	9	458	0.6	10
		254	10	508	0.6	10
		305	12	610	0.6	10
		356	14	712	0.6	5
		381	15	702	0.6	5
		406	16	812	0.6	5
		457	18	914	0.6	5
		508	20	1016	0.6	5
		559	22	1118	0.6	5
600		1220	0.6	5		

Sizes from 356ml to 600mm manufactured to order.



PU ANTI-STATIC DRY FOOD GRADE					
	NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
<p>Constructed from an antistatic compound to reduce risk from static shock and spark hazards and is electrically rated as 10⁸ Ohms/m². Dry food grade rated and has excellent abrasion resistance. Translucent to enable sight of conveyance.</p> <p>Colour / Translucent Temperature Range / -30 °C to 100 °C Material / Polyurethane Electrical</p> 	39	1½	80	0.6	10
	51	2	102	0.6	10
	63	2½	126	0.6	10
	76	3	152	0.6	10
	89	3½	178	0.6	10
	102	4	204	0.6	10
	114	4½	228	0.6	10
	127	5	254	0.6	10
	152	6	304	0.6	10
	178	7	356	0.6	10
	203	8	406	0.6	10
	229	9	458	0.6	10
	254	10	508	0.6	10
	305	12	610	0.6	10
	356	14	712	0.6	10
	381	15	762	0.6	10
406	16	812	0.6	10	
457	18	914	0.6	10	
508	20	1016	0.6	10	
559	22	1118	0.6	10	
600			1220	0.6	10

Sizes from 356ml to 600mm manufactured to order.

LIGHT WEIGHT PU					
	NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
<p>PULW is constructed from a dry food grade polyurethane with wire helix reinforcement. It is ideal for conveying dry food and particles.</p> <p>Colour / Translucent Temperature Range / -30 °C to 100 °C Material / Polyurethane</p> 	39	1½	80	0.5	10
	51	2	102	0.5	10
	63	2½	126	0.5	10
	76	3	152	0.5	10
	89	3½	178	0.5	10
	102	4	204	0.5	10
	114	4½	228	0.5	10
	127	5	254	0.5	10
	152	6	304	0.5	10
	178	7	356	0.5	10
	203	8	406	0.5	10
	229	9	458	0.5	10
	254	10	508	0.5	10
	305	12	610	0.5	10

Sizes from 356ml to 600mm manufactured to order.



TUFF-RED DUCTING						
Tuff-Red is manufactured with a heavy duty wire for light suction applications and an anti-static, dry food grade polyurethane (PU). It is highly abrasive resistant with a smooth internal surface suitable for the conveyance of a wide range of materials.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Translucent with Red wire Temperature Range / -30 °C to 100 °C Material / Polyurethane		51	2	102	1.0	10
		57	2 ^{1/4}	126	1.0	10
		63	2 ^{1/2}	152	1.0	10
		76	3	178	1.0	10
		89	3 ^{1/2}	204	1.0	10
		102	4	228	1.0	10
		114	4 ^{1/2}	254	1.0	10
		127	5	304	1.0	10
		152	6	356	1.0	10
		178	7	406	1.0	10
		203	8	458	1.0	10
		229	9	508	1.0	5
		254	10	560	1.0	5
		305	12	610	1.0	5
		356	14	712	1.0	5
		406	16	812	1.0	5
		457	18	914	1.0	5
		508	20	1016	1.0	5
		556	22	1118	1.0	5
		600		1220	1.0	5

HIGH TEMP. W						
High Temp W is manufactured utilising PTFE Coated materials creating a non stick high temp duct suitable for a wide range of applications.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Beige Temperature Range / -150 °C to 250 °C Material / PTFE Coated Glass Cloth		51	2	102	0.3	10
		76	3	152	0.3	10
		102	4	204	0.3	10
		127	5	254	0.3	10
		152	6	304	0.3	10
		178	7	356	0.3	10
		203	8	406	0.3	10
		229	9	458	0.3	10
		254	10	508	0.3	10
		305	12	610	0.3	5
		356	14	712	0.3	5
		381	15	762	0.3	5
		406	16	812	0.3	5
		457	18	914	0.3	5
		508	20	1016	0.3	5
		559	22	1118	0.3	5
		600		1220	0.3	5







FLEXFLOW						
Flexflow is constructed from neoprene rubber coated polyester fabric and reinforced with a spring wire helix. Recommended for heavy duty and higher temp applications.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Black Temperature Range / -30 °C to 120 °C Material / Rubber coated polyester		39	1 ^{1/2}	80	1.5	10
		51	2	102	1.5	10
		57	2 ^{1/4}	114	1.5	10
		63	2 ^{1/2}	126	1.5	10
		76	3	152	1.5	10
		83	3 ^{1/4}	166	1.5	10
		89	3 ^{1/2}	178	1.5	10
		102	4	204	1.5	10
		114	4 ^{1/2}	228	1.5	10
		127	5	254	1.5	10
		152	6	304	1.5	10
		178	7	356	1.5	5
		203	8	406	1.5	5
		229	9	458	1.5	5
		254	10	508	1.5	5
		280	11	560	1.5	5
		305	12	610	1.5	5
		356	14	712	1.5	5
		381	15	762	1.5	5
		406	16	812	1.5	5
457	18	914	1.5	5		


ABRASFLEX						
Abraflex is constructed from neoprene rubber coated polyester fabric and has a natural rubber lining. It is recommended for heavy duty and higher temp applications.		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	NOM WALL	Coil Length (m)
Colour / Black Temperature Range / -30 °C to 120 °C Material / Rubber coated polyester		51	2	306	0.3	10
		63	2 ^{1/2}	378	0.3	10
		76	3	456	0.3	10
		89	3 ^{1/2}	534	0.3	10
		102	4	612	0.3	10
		114	4 ^{1/2}	684	0.3	10
		127	5	762	0.3	10
		152	6	912	0.3	10
		178	7	1068	0.3	5
		203	8	1218	0.3	5
		229	9	1374	0.3	5
		254	10	1524	0.3	5
		280	11	1680	0.3	5
		305	12	1830	0.3	5
		356	14	2136	0.3	5
		406	16	2436	0.3	5
		457	18	2742	0.3	5




All sizes made to order.



SILVERFLEX		   			
PVC coated polyester fabric with helical steel wire reinforcement. More flexible than Tuflex.	NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	WALL	Coil Length (m)
		51	2	102	0.5+/-0.1
	76	3	152	0.5+/-0.1	10
	102	4	204	0.5+/-0.1	10
	127	5	254	0.5+/-0.1	10
	152	6	304	0.5+/-0.1	10
	178	7	356	0.5+/-0.1	10
	203	8	406	0.5+/-0.1	10
	229	9	458	0.5+/-0.1	10
	254	10	508	0.5+/-0.1	10
	305	12	610	0.5+/-0.1	5
	356	14	712	0.5+/-0.1	5
	381	15	762	0.5+/-0.1	5
	406	16	812	0.5+/-0.1	5
	457	18	914	0.5+/-0.1	5
	508	20	1016	0.5+/-0.1	5
	559	22	1118	0.5+/-0.1	5
	600	24	1220	0.5+/-0.1	5

Colour / Silver
Temperature Range / 0°C to 70°C
Material / PVC Coated Polyester



INDUSTROFLEX		  			
Industroflex is a highly flexible, retractable ducting eminently suitable for the rapid movement of high volume air blowing.	NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	PITCH	Coil Length (m)
		127	5	254	1 ^{1/2}
	152	6	305	1 ^{1/2}	5
	178	7	356	1 ^{1/2}	5
	203	8	406	2	5
	229	9	458	2	5
	254	10	508	2	5
	280	11	560	3	5
	305	12	610	3	5
	356	14	712	3	5
	381	15	762	3	5
	406	16	812	3	5
	457	18	914	3	5

Colour / Blue with Red Spiral
Temperature Range / -30°C to 120°C
Material / Blue Neoprene coated fabric with a red wear strip






BLOWER DUCT		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	PITCH	Coil Length (m)
<p>Blower duct is lightweight, extremely flexible ducting. Constructed from PE coated fabric and has hanging eyelets. Ideal for positive pressure portable ventilation units to service man holes, tanks, marquees etc.</p> <p>Colour / Blue / White / Yellow Temperature Range / 0 °C to 85 °C Material / PE coated fabric</p>	152	6	152	1 1/2	5, 10	
	178	7	178	1 1/2	5, 10	
	203	8	203	2	5, 10	
	229	9	229	2	5, 10	
	254	10	254	2	5, 10	
	280	11	280	3	5, 10	
	305	12	305	3	5, 10	
	356	14	356	3	5, 10	
	381	15	381	3	5, 10	
	406	16	406	4	5, 10	
	457	18	457	4	5, 10	
	508	20	508	4	5, 10	



INSULATED BLOWER DUCT		NOM I.D (mm)	NOM I.D (inches)	Min.Bend Radius (mm)	PITCH	Coil Length (m)
<p>Insulated blower duct is also available in White for heated or refrigerated air. For light suction duties this product is also available with a narrower pitch.</p> <p>Colour / White ONLY Temperature Range / 0 °C to 85 °C Material / PE coated fabric</p>	152	6	152	1 1/2	5, 10	
	178	7	178	1 1/2	5, 10	
	203	8	203	2	5, 10	
	229	9	229	2	5, 10	
	254	10	254	2	5, 10	
	280	11	280	3	5, 10	
	305	12	305	3	5, 10	
	356	14	356	3	5, 10	
	381	15	381	3	5, 10	
	406	16	406	4	5, 10	
	457	18	457	4	5, 10	
	508	20	508	4	5, 10	



POLYESTER COATED CLOTHESLINE

Colour / Grey / Cream / Yellow
Length / 5,000 metres on reels
Size / 3mm and 3.5mm



Other colours available upon request.

POLYMER COATED WIRE

Colour / Black (spring) wire,
Green (soft) wire
Length / To your order on reels

Other Coating requirements
upon request.



DOG AGILITY TRAINING EXERCISE TUNNEL






















Agility Pipe Tunnels are specifically made for the sport of Dog Agility. They are tough and durable. The 5m tunnel length extends to approximately 5 metres with an inside diameter of 600mm.

We have sold these to dog clubs and Trial organizations all over Australia and New Zealand. High quality material is UV resistant to fading, weather-proof, and reinforced with stitched seams over the coils.

Colour / Yellow
Length / 5m
Material / PE coated fabric

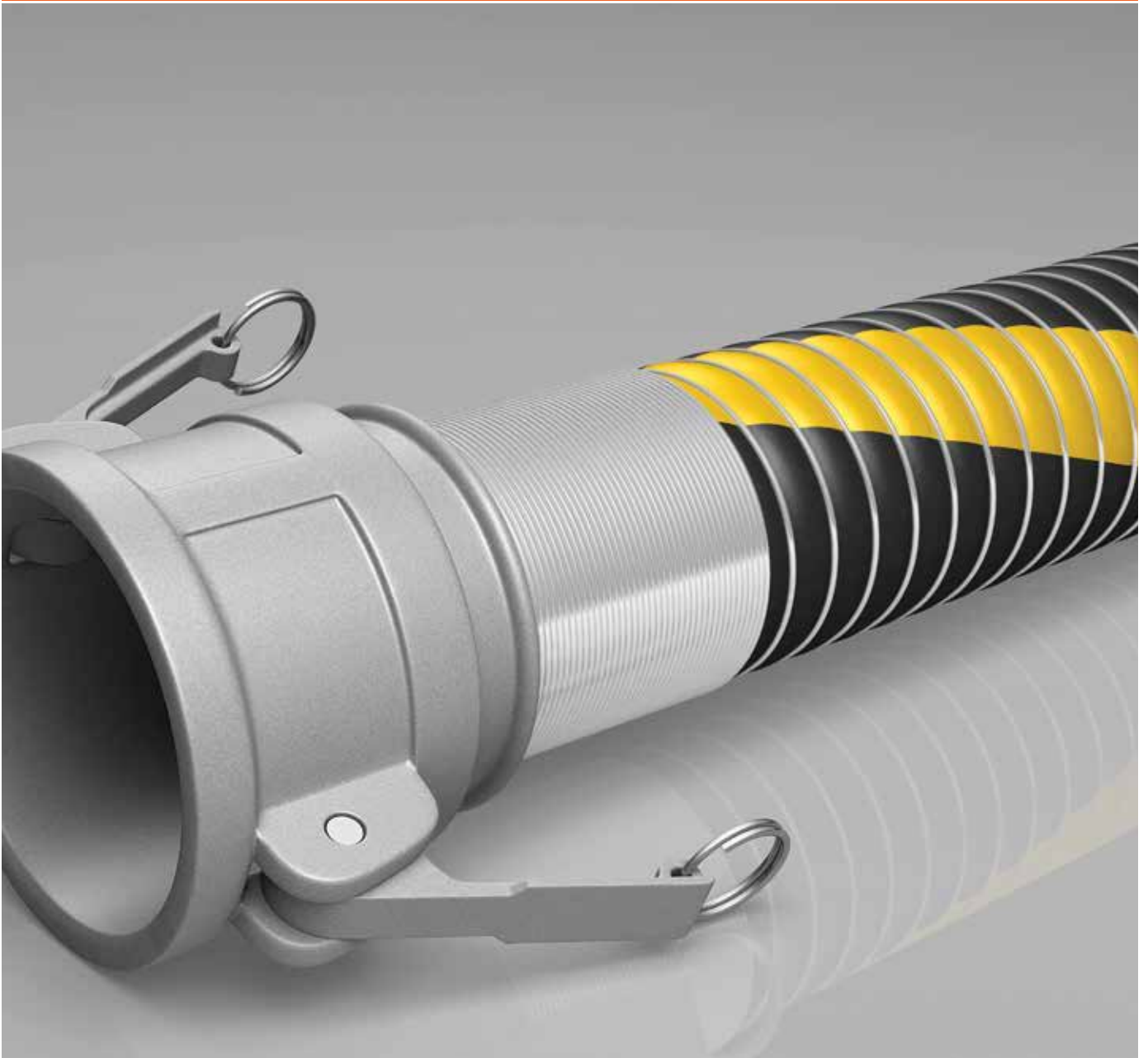


APPLICATION CHART

	MULTI FLEX	PLASTI FLEX	TUFLEX	T.P.R.D	PU ANTI STATIC	LIGHT WEIGHT PU	TUFF RED	HIGH TEMP W	FLEX FLOW	ABRAS FLEX	SILVER FLEX	INDUSTRO FLEX	BLOWER DUCT	INSULATED DUCT
 AGRICULTURAL		•		•			•		•	•	•			
 AIRCRAFT	•	•	•										•	•
 BRICKWORKS							•	•	•	•				
 BUILDING	•		•					•	•	•				
 CAR AIR-CON DEMISTERS	•											•		
 CEMENT WORKS			•				•		•	•				
 FLOUR MILLS		•			•		•							
 FOOD					•	•	•							
 GRAIN SILO		•			•		•							
 LABORATORIES		•		•			•	•	•	•	•	•		
 MINING			•						•	•			•	•
 OFFICE EQUIPMENT	•													
 OIL REFINERIES				•	•	•	•	•						
 PAPERMILL	•			•			•							
 QUARRIES				•					•	•				
 RECYCLING PLANTS					•									
 SUGAR MILLS				•	•	•	•	•						
 TEXTILES					•		•							
 VENTILATION												•	•	•
 WELDING			•	•			•	•			•			
 WOODWORKING				•	•		•							

CODEMASTER™ INTRODUCTION

PLASCORP™ HAS BEEN MANUFACTURING THERMOPLASTIC COMPOSITE HOSE FOR OVER 50 YEARS. THE PLASCORP™ COMPOSITE HOSE RANGE IS PREDOMINATELY USED WITH SUCTION & DELIVERY OF PETROLEUM BASED PRODUCTS, CHEMICALS, ACIDS AND ALKALIS. APPLICATIONS INCLUDE CHEMICAL PROCESS PLANTS, TRANSPORT TANKERS, REFINERIES AND OTHER INDUSTRIAL APPLICATIONS. THE PRODUCT IS AVAILABLE THROUGH AN EXTENSIVE DISTRIBUTION NETWORK. OUR COMPOSITE HOSE CONSTRUCTION RESULTS IN A LIGHT AND FLEXIBLE HOSE WITH A RELATIVELY SHORT BEND RADIUS, SUITABLE FOR A WIDE VARIETY OF USES.



PETROMASTER RANGE AS 2683-2000

THE AS 2683-2000 PETROMASTER RANGE IS DESIGNED AND MANUFACTURED SPECIFICALLY FOR THE DEMANDS OF THE PETRO-CHEMICAL INDUSTRY. THE POLYPROPYLENE FILM AND FABRIC CONSTRUCTION HANDLES HYDROCARBON BASED PRODUCTS. THE INTERNAL AND EXTERNAL WIRE HELIX WIRES DELIVER THE PRESSURE HANDLING CHARACTERISTICS AND A TOUGH PVC COATED FABRIC FORMS THE OUTER COVER.

Description	Code	Type	Conforming Standard	Grade	Elec Kind	Max working pressure (kPa @ ambient temp)								
						3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
Petrol Master Std Green with reflective yellow stripe	1000	1	AS 2683-2000	3	1	*	700	700	700	700	700	700	700	700
Petrol Master HD Black with no stripe	901	1	AS 2683-2000	3	1	-	1400	1400	1400	1200	1000	1000	1000	1000
Petrol Master LW Yellow with reflective green stripe	1003	1	AS 2683-2000	3	1	-	-	-	-	600	500	500	400	*
Aviation Hose Black with green stripe	AVA	1	AS 2683-2000	3	1	*	*	*	700	700	*	700	700	*
Vapour Recovery Hose Black with yellow stripe	VRH	1	AS 2683-2000	3	1	-	-	-	-	*	*	*	400	*
Hot Bitumen White with no stripe	966	2	AS 2475	2	1	700	700	700	700	600	500	500	-	-


Type 1 hose is designed for suction and discharge and to be non-collapsible.
Type 2 hose is designed for discharge only and to be non-collapsible.

Grade refers to the hose suitability to handle aromatic hydrocarbon content in fuels.
Grade 1 hose is suitable for fuels containing up to 30% aromatic hydrocarbon content.
Grade 2 hose is suitable for fuels containing up to 50% aromatic hydrocarbon content.
Grade 3 hose is suitable for fuels containing over 50% aromatic hydrocarbon content.

Kind 1 hose has an electrical resistance not greater than 1.0 ohm/m

*Hoses and test pressures available on request

PETROMASTER STANDARD / Type 1 / Grade 3 / Kind 1
CODE 1000




APPLICATIONS: Light weight, flexible hose designed for suction and delivery of petroleum based products. Suitable for road and rail tankers.
Internal wire - Galvanised steel.
External wire - Galvanised steel.
AS 2683-2000

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
1	25	32	60	700	0.8	20
1 1/4	32	38	75	700	1.0	20
1 1/2	39	48	75	700	1.3	20
2	51	63	90	700	1.6	20
2 1/2	63	75	100	700	2.4	20
3	76	90	125	700	2.8	20
4	102	112	200	700	4.1	20
6	152	170	400	700	7.8	to order

Colour / Green with Yellow Stripe.
Temperature Range / - 30°C to +80°C



PETROLMASTER HEAVY DUTY / Type 1 / Grade 3 / Kind 1 **CODE 901**

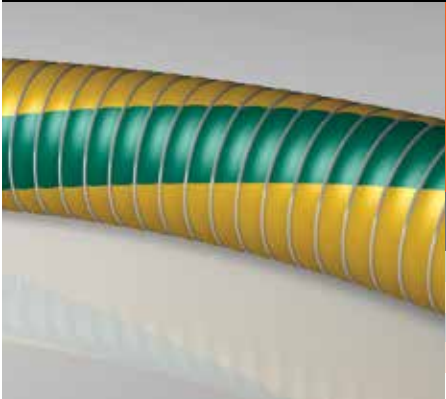


APPLICATIONS: Used for ship to shore and general purpose heavy duty applications conveying petroleum products. Suitable for heavy duty discharge for road and rail tankers, docks, ship to shore.
 Internal wire - Galvanised steel.
 External wire - Galvanised steel.
 AS 2683-2000

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
1	25	35	100	1400	0.9	20
1 ¹ / ₄	32	42	125	1400	1.3	20
1 ¹ / ₂	39	50	140	1400	1.5	20
2	51	65	170	1400	1.9	20
2 ¹ / ₂	63	76	200	1000	3.0	20
3	76	90	270	1000	3.4	20
4	102	120	340	1000	6.5	20
6	152	180	700	1000	12.4	to order

Colour / Black.
Temperature Range / - 30°C to +80°C

PETROLMASTER LIGHTWEIGHT / Type 1 / Grade 3 / Kind 1 **CODE 1003**

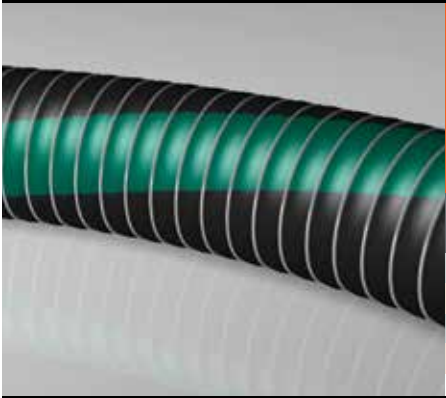


APPLICATIONS: Super light weight hose for suction and delivery of petroleum based products where ease of handling is paramount.
 Internal wire - Aluminium.
 External wire - Galvanised steel.
 AS 2683-2000

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
2	51	63	90	600	1.25	20
2 ¹ / ₂	63	75	100	500	1.75	20
3	76	90	125	500	2.0	20
4	102	112	200	400	2.5	20

Colour / Yellow with Green Stripe.
Temperature Range / - 30°C to +80°C

AVIATION HOSE / Type 1 / Grade 3 / Kind 1 **CODE AVA**




APPLICATIONS: Specially designed for the suction and delivery of aviation fuel.
 Internal wire - Stainless steel.
 External wire - Galvanised steel.
 AS 2683-2000

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
1 ¹ / ₂	39	48	75	700	1.3	20
2	51	63	90	700	1.6	20
3	76	90	125	700	2.8	20
4	102	112	200	700	4.1	20

Colour / Black with Green Stripe.
Temperature Range / - 30°C to +80°C



VAPOUR RECOVERY HOSE / Type 1 / Grade 3 / Kind 1 **CODE VRH**

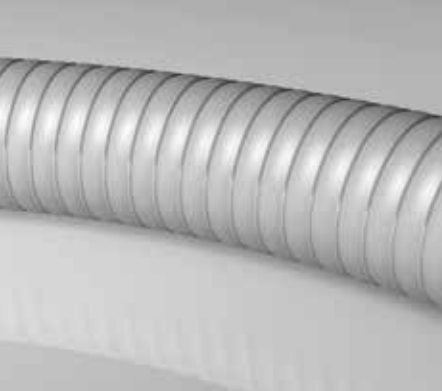


APPLICATIONS: Suitable for the collection or transfer of hydrocarbon vapours within the petroleum industry. Complies with AS2683-2000
 Internal wire - Galvanised steel.
 External wire - Galvanised steel.
 AS 2683-2000

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
4	102	112	200	400	4.1	20

Colour / Black with Yellow Stripe.
Temperature Range / - 30°C to +80°C

HOT BITUMEN HOSE / Type 2 / Grade 2 / Kind 1 **CODE 966**



APPLICATIONS: Manufactured from polyester film and fabric designed for high temperature operation, this hose is ideal for the transfer of hot bitumen via gravity, suction or pressure. This hose is suitable for use with bitumen up to 180 °C. It is ideally suited for road tanker loading and discharge, in plant transfer, spraying and spray bar applications. This hose is also suitable for conveying high aromatic content fuels.
 Internal wire - Galvanised steel.
 External wire - Stainless steel.

Note: This hose is not recommended for use close to direct external radiant heat as the cover is not flame retardant. Hoses should be flushed with diesel or kerosene after use. Cleaning with steam or direct external heat is not recommended.
 AS 2475-1001

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
3/4	19	28	125	700	0.8	20
1	25	35	125	700	0.9	20
1 1/4	32	43	130	700	1.0	20
1 1/2	39	50	150	700	1.5	20
2	51	68	200	600	2.0	20
2 1/2	63	78	250	500	2.8	20
3	76	90	280	500	3.5	20

Colour / White.
Temperature Range / - 30°C to +180°C



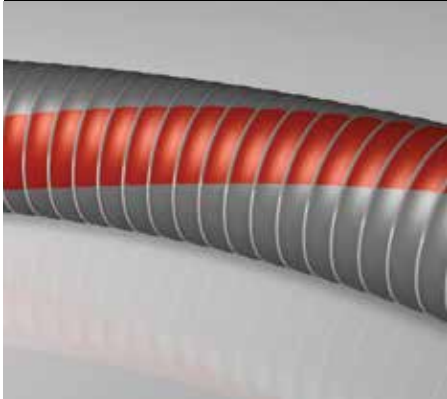
CHEMFLOW RANGE AS 2594-1983

CHEMFLOW AS 2594-1983 RANGE IS SUITABLE FOR THE SUCTION AND DELIVERY OF A WIDE RANGE OF CHEMICALS. CONSTRUCTED OF POLYPROPYLENE FILMS AND FABRICS, THE HOSES ARE RESISTANT TO MOST ACIDS, ALKALIS AND SOLVENTS. INTERNAL AND EXTERNAL HELIX WIRES BIND THE HOSE TOGETHER AND DELIVER ITS PRESSURE HANDLING CHARACTERISTICS AND A TOUGH PVC COATED FABRIC COVER FORMS THE OUTER COVER. A NUMBER OF DIFFERENT INTERNAL AND EXTERNAL WIRE COMBINATIONS ARE AVAILABLE DEPENDING ON CHEMICAL RESISTANCE REQUIREMENTS AND THE MATERIAL BEING CONVEYED. PLEASE CONSULT WITH YOUR SUPPLIER FOR COMPATIBILITY.

Description	Code	Type	Conforming Standard	Max working pressure (kPa @ ambient temp) inch									
				3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6	
Chemiflow Std Grey with red stripe	951	1	AS 2594-1983	*	1400	1400	1400	1200	1000	1000	1000	1000	1000
Chemiflow SSW Grey with blue stripe	952	1	AS 2594-1983	*	1400	1400	1400	1200	1000	1000	1000	1000	1000
Chemiflow CS Orange	969	1	AS 2594-1983	*	1400	1400	1400	1200	1000	1000	1000	1000	1000
Chemiflow ASS Orange with blue stripe	ASS	1	AS 2594-1983	*	1400	1400	1400	1200	1000	1000	1000	1000	1000
Chemiflow PTSS Red with white stripe	2200	1	AS 2594-1983	-	*	-	*	1000	*	1000	1000	*	*

Type 1 hose is designed for suction and discharge and to be non-collapsible.

CHEMFLOW STANDARD / Type 1
CODE 951



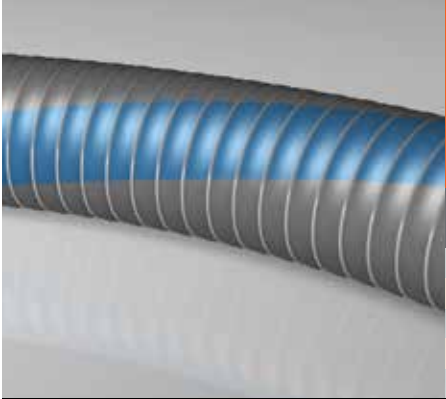
Internal wire - PP coated Galvanised steel.
External wire - Galvanised steel.
AS 2594-1983

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
1	25	38	100	1400	0.9	20
1 1/4	32	45	125	1400	1.3	20
1 1/2	39	50	140	1400	1.5	20
2	51	65	170	1200	1.8	20
2 1/2	63	78	200	1000	2.7	20
3	76	92	270	1000	3.3	20
4	102	120	340	1000	6.3	20

Colour / Grey with Red Stripe.
Temperature Range / - 30°C to +100°C



CHEMIFLOW SSW / Type 1 **CODE 952**

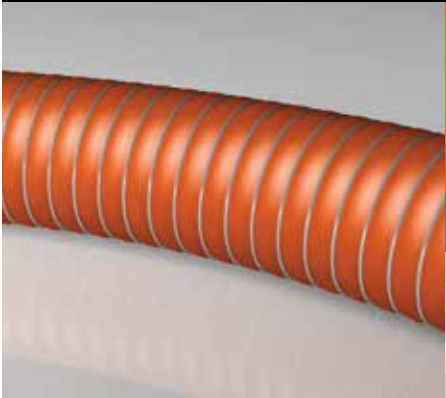


Internal wire - PP coated Galvanised steel.
External wire - Stainless steel.
AS 2594-1983

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
1	25	38	100	1400	0.9	20
1 ¹ / ₄	32	45	125	1400	1.3	20
1 ¹ / ₂	39	50	140	1400	1.5	20
2	51	65	170	1200	1.8	20
2 ¹ / ₂	63	78	200	1000	2.7	20
3	76	92	270	1000	3.3	20
4	102	120	340	1000	6.3	20

Colour / Grey with Blue Stripe.
Temperature Range / - 30°C to +100°C

CHEMIFLOW CS / Type 1 **CODE 969**

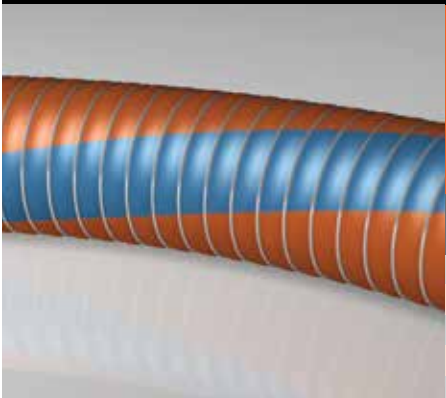


Internal wire - Stainless steel.
External wire - Galvanised steel.
AS 2594-1983

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
1	25	38	100	1400	0.9	20
1 ¹ / ₄	32	45	125	1400	1.3	20
1 ¹ / ₂	39	50	140	1400	1.5	20
2	51	65	170	1200	1.8	20
2 ¹ / ₂	63	78	200	1000	2.7	20
3	76	92	270	1000	3.3	20
4	102	120	340	1000	6.3	20
6	152	180	700	1000	12.4	to order

Colour / Orange.
Temperature Range / - 30°C to +100°C

CHEMIFLOW / Type 1 **CODE ASS**



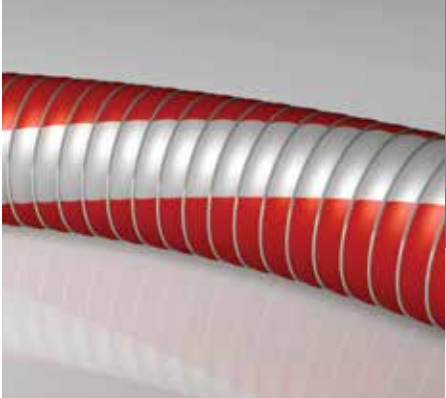
Internal wire - Stainless steel.
External wire - Stainless steel.
AS 2594-1983

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
1	25	38	100	1400	0.9	20
1 ¹ / ₂	39	50	140	1400	1.5	20
2	51	65	170	1200	1.8	20
2 ¹ / ₂	63	78	200	1000	2.7	20
3	76	92	270	1000	3.3	20
4	100	120	340	1000	6.3	20
6	152	180	700	1000	12.4	to order

Colour / Orange with Blue Stripe.
Temperature Range / - 30°C to +100°C



CHEMIFLOW PTSS / Type 1
CODE 2200

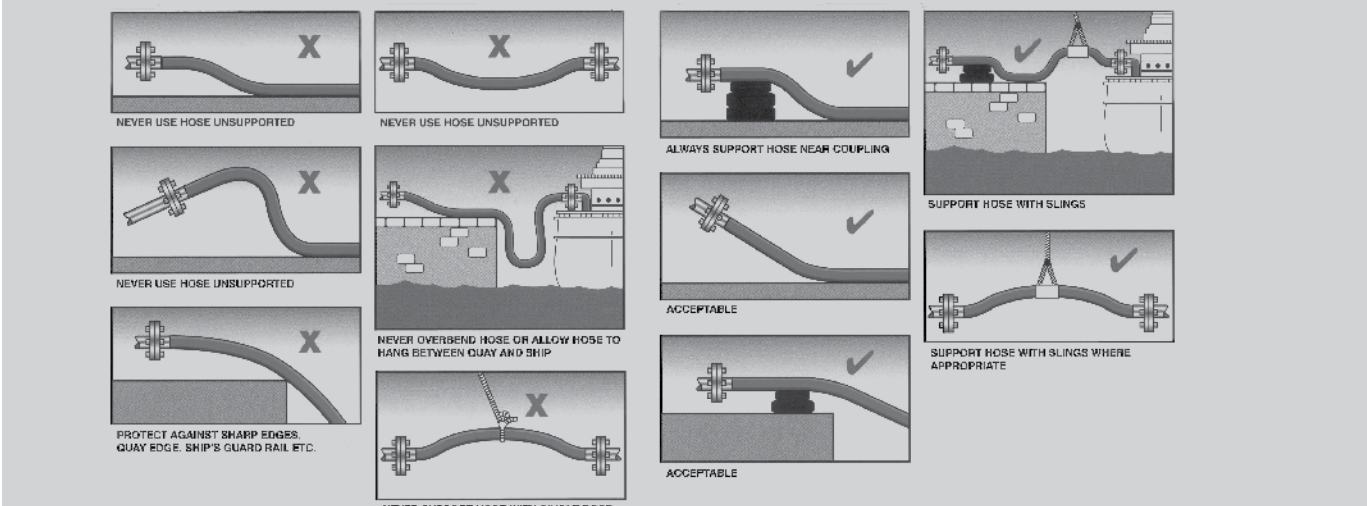


APPLICATIONS: PTFE lined for increased resistance to aggressive chemicals. Heavy duty (Code 2201) and Lightweight (Code 2203) available upon request.
 Internal wire - Stainless steel.
 External wire - Stainless steel.
 AS 2594-1983

Nom Inches	I.D. (mm)	O.D. (mm)	Min. Bend Radius (mm)	Working Pressure kPa@20°C	Weight (kg/m)	Coil Length (m)
2	51	65	175	1200	1.85	20
3	76	92	300	1000	4.15	20
4	102	120	350	1000	4.80	20

Colour / Red with White Stripe.
 Temperature Range / - 30°C to +100°C

INCORRECT & CORRECT USAGE



- NEVER USE HOSE UNSUPPORTED** (Three instances shown with 'X')
- ALWAYS SUPPORT HOSE NEAR COUPLING** (One instance shown with checkmark)
- SUPPORT HOSE WITH SLINGS** (Two instances shown with checkmarks)
- PROTECT AGAINST SHARP EDGES. QUAY EDGE, SHIP'S GUARD RAIL ETC.** (One instance shown with 'X')
- NEVER OVERBEND HOSE OR ALLOW HOSE TO HANG BETWEEN QUAY AND SHIP** (One instance shown with 'X')
- NEVER SUPPORT HOSE WITH SINGLE ROPE** (One instance shown with 'X')
- ACCEPTABLE** (Two instances shown with checkmarks)

ROPE LAGGING

All hoses can be supplied with polypropylene rope lagging. It is necessary to specify at time of ordering. Lagging insulates and protects the hose from abrasion but doubles the bend radius of the hose.

Nom Inches	Nom Diameter (mm)	Rope Diameter (mm)
1	25	8
1 ¹ / ₄	32	8
1 ¹ / ₂	39	8
2	51	8
2 ¹ / ₂	63	10
3	76	10
4	102	10
6	152	12



HOSE ASSEMBLIES

Due to the often hazardous conveyance used, it is recommended that composite hoses should only be used with properly fixed fittings. Composite hoses are normally fitted by the wire whipped method or by external crimp. All hoses have a 6 to 1 pressure safety factor.

FITTINGS

A wide range of fittings can be supplied such as Camlocks, BSP fittings, flanges etc. Consult with your hose supplier for the right type of fitting for your application.

TESTINGS

All hose assemblies must be pressure tested hydrostatically (Petrol @ 2 x max working pressure; Chemical @ 1.5 x max working pressure) and electrically tested to confirm continuity per AS2683/AS2594/AS1180. Hose tag attached for proof of testing.



WIRE WHIPPED



CRIMPED

TEST TAG

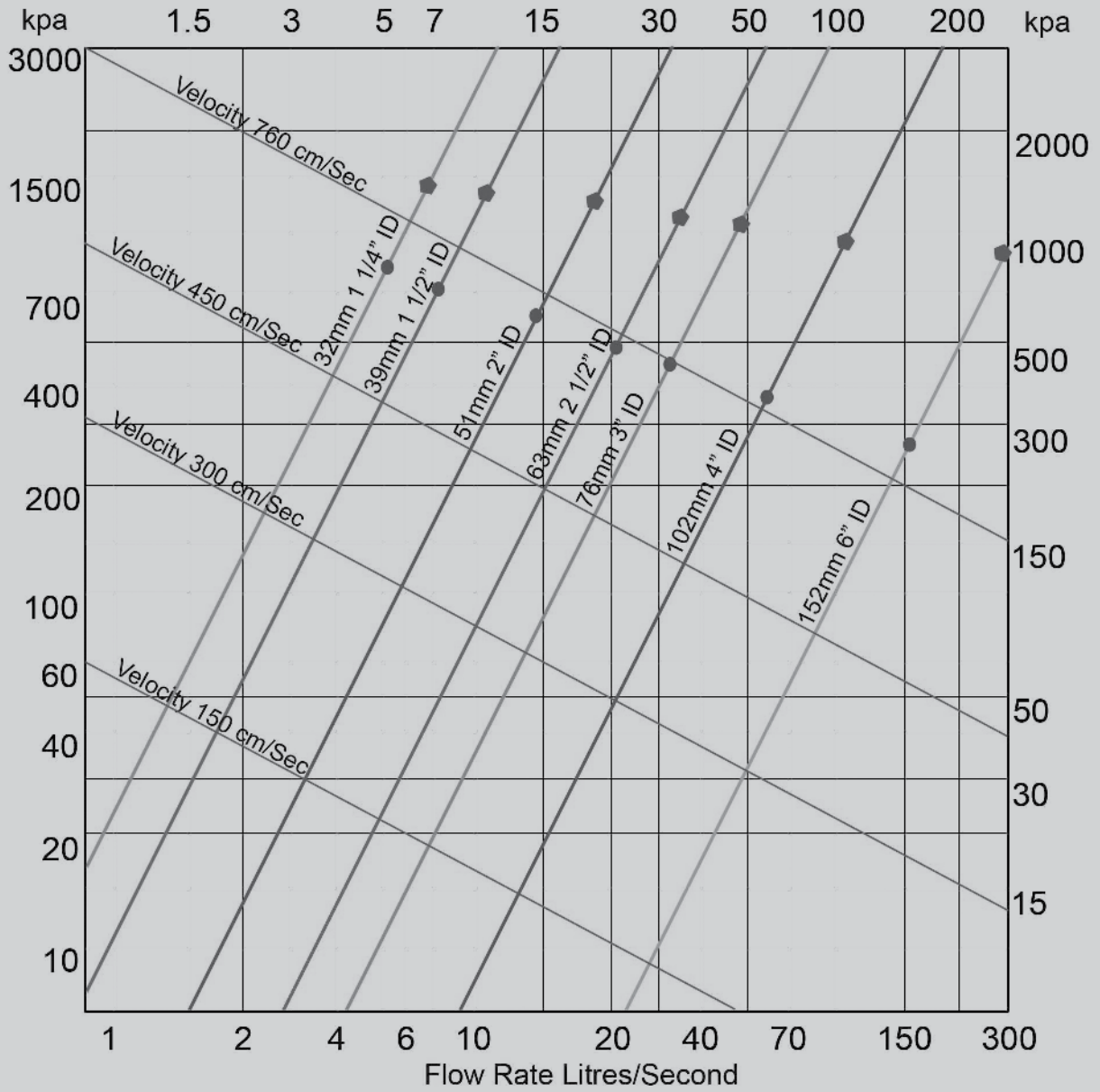


NBR SCUFF PROTECTION RING

The rubber ring provides protection of the hose from wear and tear as well as elevates it above the ground, reducing possible contact with chemicals. Available for 2", 3" and 4" hoses.



PRESSURE LOSS FLOW CHART



For Open End Flow ● = Max obtainable Petrol Codes 1000 & 1003
 ◆ = Max on Petrol Code 901 & Chemical Codes 951/952/969

PRESSURE LOSS WATER AT AMBIENT TEMP 20°C AND 9m LENGTHS.

PALGIO EAST & WEST (KARRATHA)



IN 2010, FINBAR WAS SELECTED BY THE WA GOVERNMENT TO DEVELOP A LANDMARK RESIDENTIAL COMPLEX AS PART OF THE PILBARA CITIES' LONG-TERM INITIATIVE TO TURN KARRATHA INTO THE CITY OF THE NORTH, WITH A PROPOSED FUTURE POPULATION OF 50,000. JUST THREE YEARS LATER, PELAGO EAST WAS COMPLETED IN 2013 AND, ALONG WITH, THE ALREADY COMPLETED PELAGO WEST, FINBAR DELIVERED 310 COMPLETED RESIDENTIAL AND COMMERCIAL UNITS IN KARRATHA.

Hanssen Construction have been the preferred construction contractor for Finbar for many years now, and in turn, Plascorp™ are the sole supplier of reinforcing processed bar to Hanssen.

We take enormous pride in this partnership which is based on key elements - exceptional service, accuracy, problem solving, pricing, high levels of communication at all levels & going the extra mile.

PROJECT NAME /
Palgio East & West Apartments Karratha
DEVELOPER /
Finbar Group
CONTRACTOR /
Hanssen Construction
PRODUCTS USED FROM PLASCORP™ /
Reinforcing Steel, Fabricated Pile Cages & Associated Accessories
VALUE OF THE TOTAL PROJECT /
\$137,000,000
TONNES USED /
2,200 tonnes



ADAGIO APARTMENTS (PERTH)



THE FIRST OF FOUR LANDMARK BUILDINGS WITHIN THE EAGERLY ANTICIPATED SYMPHONY CITY, ADAGIO IS THE APARTMENT COMPLEX THAT HAS SET THE TONE FOR WHAT IS DESTINED TO BECOME PERTH'S DEFINITIVE RIVERSIDE DEVELOPMENT.

With uninterrupted river views and resort style amenities, Adagio offers a rare lifestyle opportunity seldom found in Perth. Once again, Plascorp™ are very proud to have been involved in the construction of such a project, and able to smoothly supply and co-ordinate through the typical inner city project requirements such as transport traffic management restraints, and strict delivery times.

PROJECT NAME /
Adagio
DEVELOPER /
Finbar Group
CONTRACTOR /
Hanssen Construction
PRODUCTS USED FROM PLASCORP™ /
Reinforcing Steel, Fabricated Pile Cages & Associated Accessories
VALUE OF THE TOTAL PROJECT /
\$183,000,000
TONNES USED /
1,200 tonnes



TECHNICAL AMMONIUM NITRATE PRODUCTION FACILITY (TAN BURRUP PROJECT - DAMPIER)



WORKING ALONGSIDE WBHO AND TWO OF THEIR SUB CONTRACTORS, PLASCORP™ HAS SUPPLIED REINFORCING STEEL FOR ALL SITE REQUIREMENTS, ARRANGED TRANSPORT FROM PERTH TO DAMPIER AND HAVE AN OPEN DIALOG WITH SITE SUPERVISORS AND ENGINEERS TO BEST COORDINATE REQUIREMENTS.

Plascorp™ was awarded this project following complications with encumbant. Allowing us the opportunity to demonstrate our exceptional service. An example of this is, receiving a telephone call on a Sunday morning, and having the steel on site, in Dampier the very next day replacing inaccurate steel previously supplied.

PROJECT NAME /
TAN Burrup Project
DEVELOPER /
Yara Pilbara Nitrates Pty Ltd (YPNPL)
CONTRACTOR /
WBHO Construction
PRODUCTS USED FROM PLASCORP™/
Reinforcing Steel & Associated
Accessories
VALUE OF THE TOTAL PROJECT /
\$113,000,000
TONNES USED /
645 tonnes at present



EASTERN GOLDFIELDS REGIONAL PRISON REDEVELOPMENT PROJECT (KALGOORLIE)



WORKING CLOSELY WITH KEY PERSONAL BOTH ON SITE IN KALGOORLIE AND OFFICES IN PERTH, PLASCORP™ WORKED WITH PINDAN TO OVERCOME SITE DELAYS IN THE BEGINNING, TO DELIVER OUR COMPONENT OF THE CONTRACT IN FULL AND ON TIME.

We managed the drop off areas as per site requirements, consisting of both communal hard lay down areas, and multiple drop zones for easy access to specific steel schedules for site placement.

Plascorp™ co-ordinated all logistics from Perth to Kalgoorlie, including the arrangement of a Franna crane to limit the utilisation of on-site resources.

PROJECT NAME /
Eastern Goldfields Regional Prison Redevelopment Project (EGRP)

DEVELOPER /
State Government of Western Australia

CONTRACTOR /
Joint Venture between Pindan Contracting & John Holland

PRODUCTS USED FROM PLASCORP™ /
Reinforcing Steel & Associated Accessories

VALUE OF THE TOTAL PROJECT /
\$232,000,000

TONNES USED /
350 tonnes



DARLINGTON PARKLANDS YARRABILBA



EUREKA LANDSCAPES AT ANY POINT IN TIME MANAGES MULTIPLE SITES AND DURING THE COURSE OF THE LAST 21/2 YEARS THE RELATIONSHIP HAS GROWN OFF THE BACK OF STRONG COMMUNICATION AND ON TIME DELIVERIES.

Yarrabilba is an extensive development, and to date, Plascorp™ has supplied a small component of this overall project. Eureka Landscapes appreciated the service, quality and delivery from Plascorp™ and we look forward to continuing to work alongside Eureka on many more projects in the future.

PROJECT NAME /
Yarrabilba Parklands
DEVELOPER /
Lend Lease
CONTRACTOR /
Eureka Landscapes
PRODUCTS USED FROM PLASCORP™/
Reinforcing Bar and Mesh
VALUE OF THE TOTAL PROJECT /
\$10,000,000
TONNES USED /
75 tonnes



FREW PARK



FOLLOWING EPOCA'S APPOINTMENT TO THE CONTRACT PLASCORP™ WORKED HARD TO SEAMLESSLY DELIVER FINISHED GOODS FOR THE PROJECT ON TIME AND IN FULL.

Originally awarded to Scape Shapes, Plascorp™ worked tirelessly on this project. Following a change of contractor Plascorp™ quickly built a rapport with Epoca based on solid service, communication and on time deliveries.

PROJECT NAME /
Frew Park
DEVELOPER /
Brisbane City Council
CONTRACTOR /
Epoca Constructions
PRODUCTS USED FROM PLASCORP™/
Steel Bar & Mesh
VALUE OF THE TOTAL PROJECT /
\$12,000,000
TONNES USED /
220 tonnes



REOMASTER™ INTRODUCTION

PLASCORP™ IMPORTS A WIDE RANGE OF BUILDING PRODUCTS INCLUDING REINFORCING BAR AND MESH, AND UNLIKE MANY OTHER IMPORTERS WE CARRY LARGE STOCKS IN ALL OUR DISTRIBUTION CENTRES.

OUR PRODUCTS COMPLY WITH RELEVANT AUSTRALIAN STANDARDS. REINFORCING BAR & MESH COMPLY WITH AS4671.

DEFORMED BAR

	STD UNIT	MASS PER MTR - KG/MTR	METERS PER TONNE
N10	Tonne	0.632	1620
N12	Tonne	0.911	1023
N16	Tonne	1.619	632
N20	Tonne	2.528	404
N24	Tonne	3.637	281
N28	Tonne	4.955	207
N32	Tonne	6.471	158
N36	Tonne	8.910	

PLAIN ROUND BAR

	STD UNIT	CALCULATED MASS PER MTR - KG/MTR	METERS PER TONNE
R10	Tonne	0.632	1620
R12	Tonne	0.911	1023
R16	Tonne	1.619	632
R20	Tonne	2.528	404
R24	Tonne	3.637	281
R28	Tonne	4.955	207

REINFORCING MESH TO AS/NZS4671:2001 / RIBBED SQUARE MESH 6.0 X 2.4 METRES

	STD UNIT	LONGITUDINAL WIRES	CROSS WIRES	MASS / KG
SL52	Sheet	10 x 4.77 @ 200 + 4 x 4.00 @ 100	30 x 4.77 @ 200	21
SL62	Sheet	10 x 6.00 @ 200 + 4 x 4.24 @ 100	30 x 6.00 @ 200	33
SL72	Sheet	10 x 6.75 @ 200 + 4 x 4.77 @ 100	30 x 6.75 @ 200	41
SL81	Sheet	25 x 7.60 @ 100	60 x 7.60 @ 100	105
SL82	Sheet	10 x 7.60 @ 200 + 4 x 5.37 @ 100	30 x 7.60 @ 200	52
SL92	Sheet	10 x 8.60 @ 200 + 4 x 6.00 @ 100	30 x 8.60 @ 200	66
SL102	Sheet	10 x 9.50 @ 200 + 4 x 6.75 @ 100	30 x 9.50 @ 200	80

We are also able to manufacture made to order reinforcing mesh.



SQUARE MESH 300 x 300 SPACING				
	STD UNIT	LONGITUDINAL WIRES	CROSS WIRES	MASS / KG
SL53	Sheet	6 x 5.00 @ 300	20 x 5.00 @ 300	14
SL63	Sheet	6 x 6.00 @ 300	20 x 6.00 @ 300	21

REINFORCING MESH TO AS/NZS4671:2001 / TRENCH MESH				
	STD UNIT	LONGITUDINAL WIRES	CROSS WIRES	MASS / KG
L8TM200	6 Metre	3 x 7.60 @ 100	4.00 @ 300	6.8
L8TM300	6 Metre	4 x 7.60 @ 100	4.00 @ 300	9.2
L8TM400	6 Metre	5 x 7.60 @ 100	4.00 @ 300	11.6
L8TM500	6 Metre	6 x 7.60 @ 100	4.00 @ 300	13.9
L8TM600	6 Metre	3 x 7.60 @ 100	4.00 @ 300	15.9
L8TM2400	6 Metre	25 x 7.60 @ 100	4.00 @ 300	72
L11TM200	6 Metre	3 x 10.70 @ 100	4.77 @ 300	13.0
L11TM300	6 Metre	4 x 10.70 @ 100	4.77 @ 300	17.7
L11TM400	6 Metre	5 x 10.70 @ 100	4.77 @ 300	22.3
L11TM500	6 Metre	6 x 10.70 @ 100	4.77 @ 300	26.8
L11TM600	6 Metre	7 x 10.70 @ 100	4.77 @ 300	34
L11TM2300	6 Metre	24 x 10.70 @ 100	4.77 @ 300	107.1
L12TM200	6 Metre	3 X 11.90 @ 100	4.77 @ 300	16.3
L12TM300	6 Metre	4 X 11.90 @ 100	4.77 @ 300	21.8
L12TM400	6 Metre	5 X 11.90 @ 100	4.77 @ 300	27.3
L12TM500	6 Metre	6 X 11.90 @ 100	4.77 @ 300	32.8
L12TM600	6 Metre	7 X 11.90 @ 100	4.77 @ 300	38.1

RIBBED RECTANGULAR MESH				
	STD UNIT	LONGITUDINAL WIRES	CROSS WIRES	MASS / KG
RL718	6 x 2.4m Sheet	25 x 6.75 @ 100	30 x 7.60 @ 200	67
RL818	6 x 2.4m Sheet	25 x 7.60 @ 100	30 x 7.60 @ 200	79
RL918	6 x 2.4m Sheet	25 x 8.60 @ 100	30 x 7.60 @ 200	93
RL1018	6 x 2.4m Sheet	25 x 9.50 @ 100	30 x 7.60 @ 200	109
RL1118	6 x 2.4m Sheet	25 x 10.70 @ 100	30 x 7.60 @ 200	130
RL1218	6 x 2.4m Sheet	25 x 11.90 @ 100	30 x 7.60 @ 200	157



STEEL PROCESSING



Plascorp™ has extensive processing facilities for re-enforcement bar. Offering outstanding response times, accuracy and quality we understand that all projects are different and offer the ability to cut, bend and shape from 8mm - 32mm bar using coil or straight bar.

Cracker bars, starter bars, ligs or other special orders are our forte. Our processed steel rates include scheduling, cutting, bending, tagging and bundling.



BAR CHAIRS / STANDARD BAR CHAIR				
	STD UNIT	COVER A	COVER B	MASS PER BAG / KG
BC 25/40	Bag x 100	25	40	2.0
BC 50/65	Bag x 100	50	65	4.0
BC 75/90	Bag x 100	75	90	4.8
BC 85/100	Bag x 100	85	100	5.1

PANEL BAR CHAIR				
	STD UNIT	COVER A	COVER B	MASS PER BAG / KG
BCP 50/60	Bag x 100	50	60	2.1
BCP 65/75	Bag x 100	65	75	2.6

TIEWIRE

Tiewire is ideal for steel fixers and form workers. It is a black, soft tensile wire used for tying reinforcing mesh and bar for the building industry. Tiewire is easily cut and easily manipulated. It suits most common belt reels.

Tiewire is available in 1.40mm and 1.57mm widths in coils of 1.42kg.



BLACK BUILDERS FILM TO AS/NZS2870

Other sizes and colours available on request.

- 50m x 4m Wide Rolls 200-m (micron)
- 50m x 2m Wide Rolls 200-m (micron)




HOT ROLLED STEEL BARS FOR THE REINFORCEMENT OF CONCRETE AS/NZS4671:2001-500MPA
 Below are approximate calculations. All available in 6, 9 or 12 metre lengths.

HOT ROLLED STEEL BARS

PRODUCT SPECIFICATIONS:
 AS/NZS4671:2001, MS146:2000,
 BS4449:1988

PRODUCT RANGE:
 High tensile deformed bar
 10,12,16,20,24,32,mm diameter

STANDARD LENGTH:
 6 meters
 Other lengths available on request

MAXIMUM CARBON EQUIVALENT VALUE IS CALCULATED USING THE FOLLOWING FORMULA:

$$C + \frac{Mn}{6} + \frac{Cr + Mo + V}{5} + \frac{Ni + Cu}{15}$$

where,

- C = % of Carbon content
- Mn = % of Manganese content
- Cr = % of Chromium content
- V = % of Vanadium content
- Mo = % of Molybdenum content
- Cu = % of Copper content
- Ni = % of Nickel content

MECHANICAL PROPERTIES

GRADE	BAR SIZE mm	YIELD STRENGTH N/mm ²	TENSILE STRENGTH N/mm ²	MINIMUM ELONGATION %	BOND TEST 180 DEGREE	REDEND TEST 45 DEGREE
500	All sizes	500	Min. 5% Greater than Yield Strength	12	No Defect-Former 3D of Bar	No Defect-Former 5D of Bar

CHEMICAL COMPOSITIONS

ELEMENT	PERFORMED BARS GRADE 500% MAX
Carbon	0.3
Sulphur	0.05
Phosphorous	0.05
Maximum Carbon Equivalent Value, %	0.51

FATIGUE TESTING

BAR SIZE mm	STRESS RANGE N/mm ²	CYCLES OF STRESS
Up to and including 16	200	Endure 5 x 10
Over 16 up to and including 20	185	
Over 20 up to and including 24	170	
Over 24 up to and including 32	160	
Over 32 up to and including 40	150	

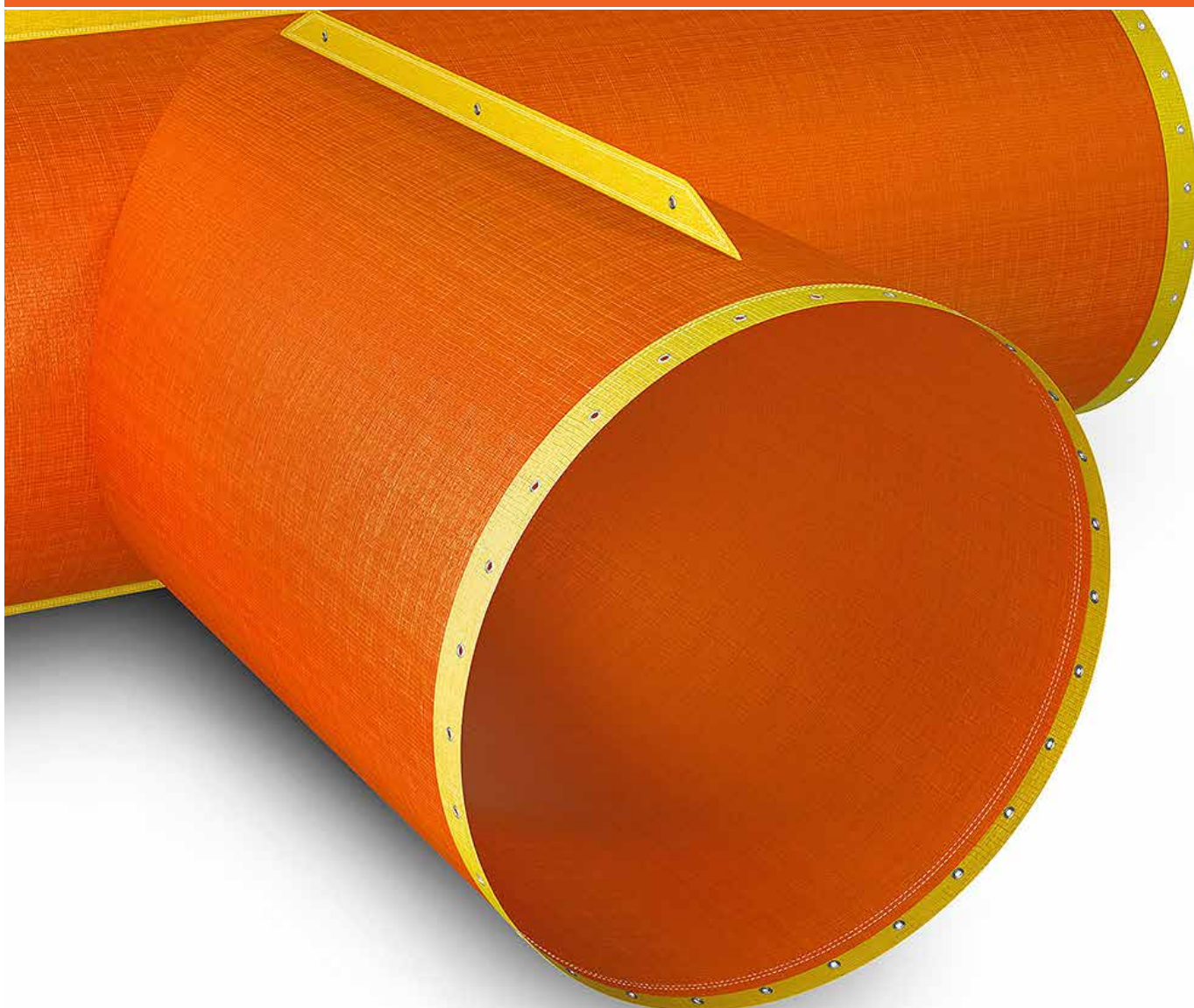
NOMINAL CROSS SECTIONAL AREA AND MASS

NOMINAL SIZES mm	CROSS SECTIONAL AREA mm ²	MASS PER METER RUN / KG	NOMINAL WEIGHT PER BUNDLE	TOLERANCE ON MASS PER METER RUN (%) M.S.
10	78.5	0.616	1.020	+ 6.5 to -6.5
12	113.1	0.888	1.023	+ 4.5 to -4.5
16	201.1	1.579	1.023	+ 4.5 to -4.5
20	314.2	2.466	1.006	+ 4.5 to -4.5
24	490.9	3.854	1.063	+ 4.5 to -4.5
32	804.2	6.313	1.061	+ 4.5 to -4.5



MINEMASTER™ INTRODUCTION

OUR MINING PRODUCTS ARE CONSTRUCTED FROM POLYETHYLENE WOVEN COATED FABRIC OR PVC COATED POLYESTER. OUR MANUFACTURING PROCESS INCORPORATES OUR PATENTED PROCESS STITCHWELD MINEFLAT. THIS INNOVATION GIVES VASTLY REDUCED AIR LOSS BY WAY OF TOP AND BOTTOM WELDED SEAMS. OUR STITCHWELD PRODUCT HAS DEMONSTRATED A LONGER LIFE SPAN BY ELIMINATING WELDTEAR AND DELAMINATION. OUR PRODUCT IS USED IN MINES ALL OVER THE WORLD. PLASCORP™ CAN SUPPLY YOU ALL YOUR VENTILATION NEEDS, TO INSTALLING A NEW VENTILATION SYSTEM FOR UNDERGROUND MINING OR INDUSTRIAL APPLICATIONS.



PLASCORP MINE VENTILATION FABRICS


All of our mining ventilation products are available in a choice of 3 materials, depending on the circumstances. Minemaster™ is our most popular standard material, offering a lighter ducting still capable of handle the rigors of underground mines. Tuffmaster™ is our premium material, offering superior tear strength and cut resistance and ideal for fans over 150kW. FRAS (Fire Retardant Anti Static) is for fiery and semi fiery applications that demand extra safety and complies with the requirements for electrical and fire resistance as tested by the Department of Industry – Resources and Energy NSW. FRAS is also approved by the South African Bureau of Standards (SABS)

All of the Mine Ventilation products in this brochure are available in all three fabrics:

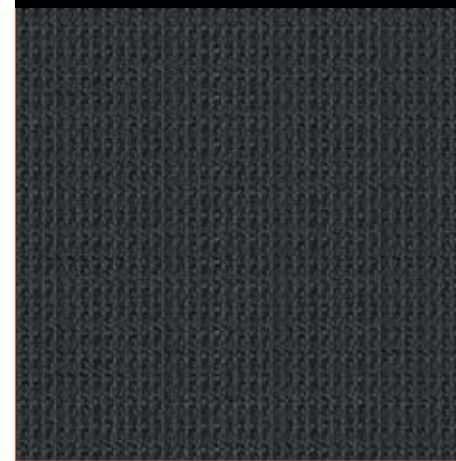
MINEMASTER™
 Coated Woven PE material
 FR available
 Colour coded based on duct size
 Yellow / Silver / Blue



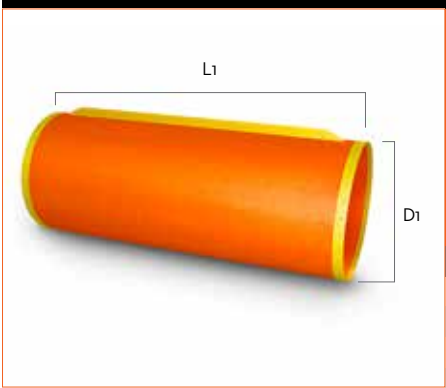
TUFFMASTER™
 Heavy Duty Coated woven PE material
 Extremely low air permeability
 Orange



FRASMASTER
 PVC Coated Polyester
 Fire Retardant with Elec resistance $<3 \times 10^8 \Omega_{ohms}$
 Black, White available upon request



MINEFLAT



Other sizes available upon request.

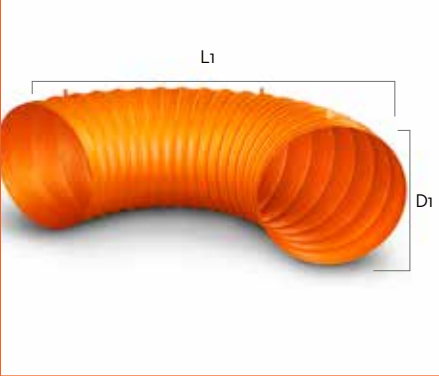
Based on field tests, Mineflat delivers more airflow for a given length of ducting due to a lower leakage coefficient because of our patented stitch-weld process. Mineflat is colour coded based on the diameter of the duct to easily identify sizing.

All sizes available in 5, 10 and 20m lengths with some also available in 50m. The joining mechanism is the skirt connecting method consisting of eyelets and a skirt enabling connection with Mineflex, hook and loop fasteners and even zippers. Discuss with your Sales Representative for your joining needs.

D1 (mm)	L1 (m)	L1 (m)	L1 (m)	L1 (m)
305	5	10	20	
355	5	10	20	
406	5	10	20	
457	5	10	20	
508	5	10	20	
572	5	10	20	
610	5	10	20	
762	5	10	20	
810	5	10	20	
910	5	10	20	50
1067	5	10	20	50
1220	5	10	20	50
1400	5	10	20	50



MINEFLEX

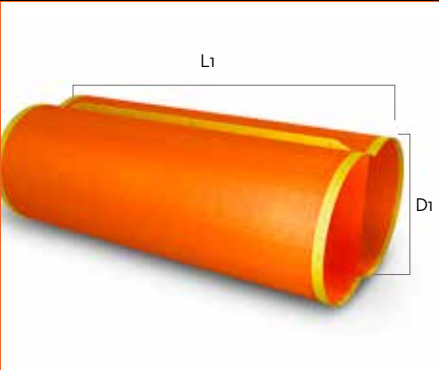


Other diameters and lengths available upon request.

Mineflex typically is constructed with Minemaster fabric. As the name “flex” indicates, this product has a wire spiral helix which provides flexibility and avoids kinking. The joining mechanism is the skirt connecting method consisting of eyelets and a skirt enabling connection with Mineflat. This product is available in all material types described on page 2. Other diameters and lengths available upon request.

D1 Nominal I.D. mm	D1 Nominal I.D. inches	L1 (m)
300	12	10
355	14	10
406	16	10
457	18	10
508	20	10
610	24	10
710	28	10
762	30	10
810	32	10
910	36	10
1067	42	10
1220	48	10
1400	56	10

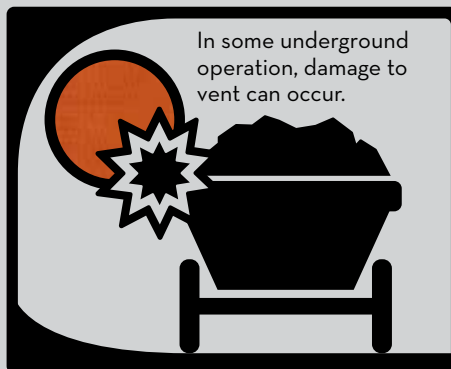
TWIN DUCT



Other sizes available upon request.

Twinduct is designed to be used in areas where damage is likely to occur on tight areas of underground mining, especially where mine tunnel heights are limited.

Twinduct D1 (mm)	Mineflat Equivalent (mm)	L1 (m)	L1 (m)	L1 (m)	Headspace saving with Twinduct (mm)
455	610	5	10	20	205
570	760	5	10	20	300
680	915	5	10	20	335
762/795	1067	5	10	20	405
910	1220	5	10	20	410
1045	1400	5	10	20	450



TWINDUCT TRANSITION / TROUSER LEG



The Twinduct Transition and Twinduct Trouser Legs (shown) convert a single Mineflat duct into a Twinduct without losing airflow volume. Easily connects to existing Mineflat / Mineflex and Twinduct. Selection is based on headspace and ventilation line requirements.

Twinduct Equivalent (mm)	Tubular Diameter (mm)
455	610 (24")
570	760 (30")
680	915 (36")
762/795	1067 (42")
910	1220 (48")
1045	1400 (56")

TWIN DUCT REDUCER

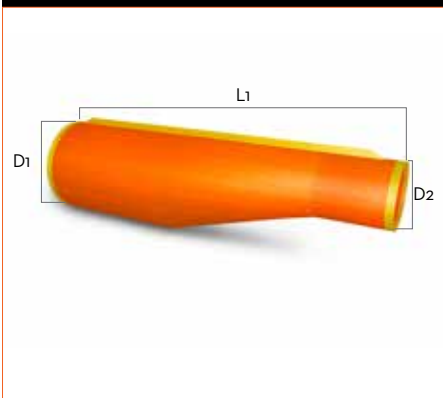


The Twinduct Reducer changes the diameter of the twinduct from a larger to smaller size.

D1 (mm)	D2 (mm)	L1 (m)
910	762	5
1045	910	5

Other sizes available upon request.

REDUCER



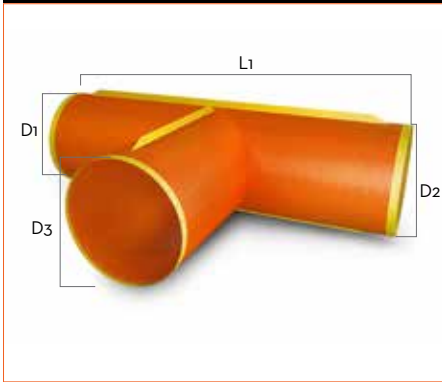
The Reducer changes the diameter of the single duct from a larger to smaller size.

D1 (mm)	D2 (mm)	L1 (m)
610	400	5
910	762	5
1067	762	5
1067	910	5
1220	1067	5
1300	1067	5
1400	1067	5
1400	1220	5

Other sizes available on request
Twin duct reducers available on request



T PIECE

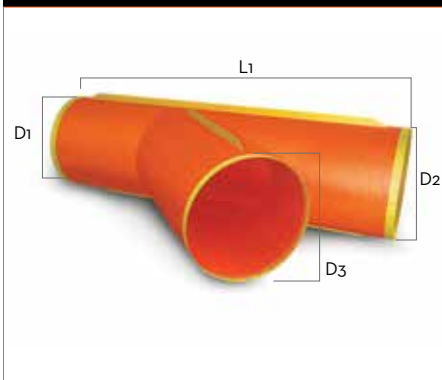


T Reducers available on request

Allows for changes in direction with the mine tunnel.

D1 (mm)	D2 (mm)	D3 (mm)	L1 (m)
305	305	305	5
355	355	355	5
406	406	406	5
457	457	457	5
508	508	508	5
572	572	572	5
610	610	610	5
762	762	762	5
810	810	810	5
910	910	910	5
1067	1067	1067	5
1220	1220	1220	5
1400	1400	1400	5

DUAL FIN BRANCH PIECE



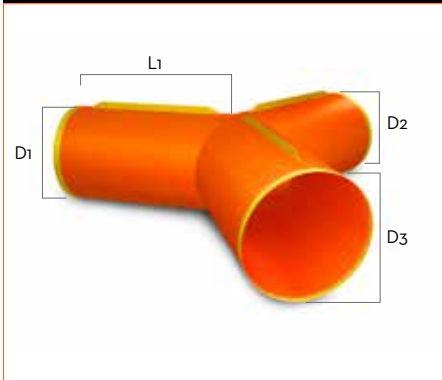
Branch Reducers and Twinduct available on request.

Used when a side tunnel diverts off the main tunnel. The branch is at 45° to the main vent. The double hanging eyelets or 'DUAL FIN'S', allow the branch piece to be installed left or right, simply by inverting it.

D1 (mm)	D2 (mm)	D3 (mm)	L1 (m)
305	305	305	5
355	355	355	5
406	406	406	5
457	457	457	5
508	508	508	5
572	572	572	5
610	610	610	5
762	762	762	5
810	810	810	5
910	910	910	5
1067	1067	1067	5
1220	1220	1220	5
1400	1400	1400	5



Y PIECE

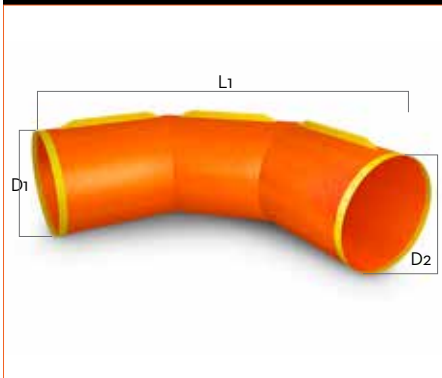


Y Pieces split the vent into 2 streams and are made with a 120°.

D1 (mm)	D2 (mm)	D3 (mm)	L1 (m)
305	305	305	2.5
355	355	355	2.5
406	406	406	2.5
457	457	457	2.5
508	508	508	2.5
572	572	572	2.5
610	610	610	2.5
762	762	762	2.5
810	810	810	2.5
910	910	910	2.5
1067	1067	1067	2.5
1220	1220	1220	2.5
1400	1400	1400	2.5

Y Reducers available on request

90° LONG RADIUS LOBSTER BACK



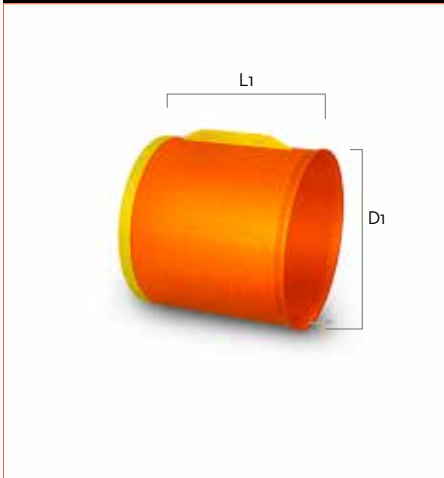
Long radius bend or Lobster Back allows a change in 90° direction. Lobster backs are available in 3 pieces (as shown) or 5 pieces. It has double hanging eyelets or 'DUAL FINS', which allow the part to be installed with a left or right turn. Mineflex can also be used to cater for any angle direction change.

D1 (mm)	D2 (mm)	L1 (m)
305	305	5
355	355	5
406	406	5
457	457	5
508	508	5
572	572	5
610	610	5
762	762	5
810	810	5
910	910	5
1067	1067	5
1220	1220	5
1400	1400	5

Customs lengths available on request.
Lobster backs are available in 3 (shown) pieces.



FAN ADAPTOR



Fan adaptors attach to the fan mandrel/manifold and ducting. It is recommended to install these made from our Tuffmaster material to handle the shock force from the duct inflating rapidly.

D1 (mm)	L1 (mm)
610	500
710	582
762	625
810	664
910	746
1067	875
1220	1000
1400	1148

NIXON FLAPS **PARACHUTES**

Nixon flaps and Parachutes block off access to closed sections of the tunnel/mine. Specify dimensions when ordering.



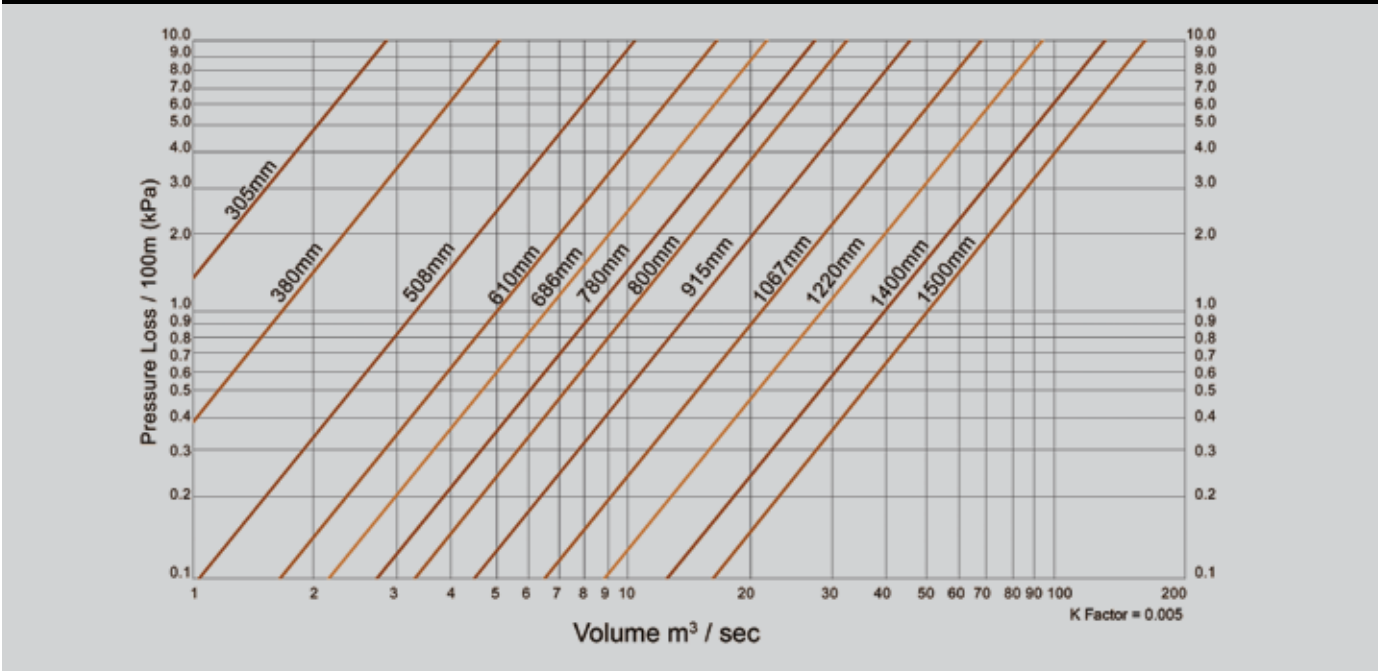
Supplied with pulleys and ropes.



Available with zippers or without.

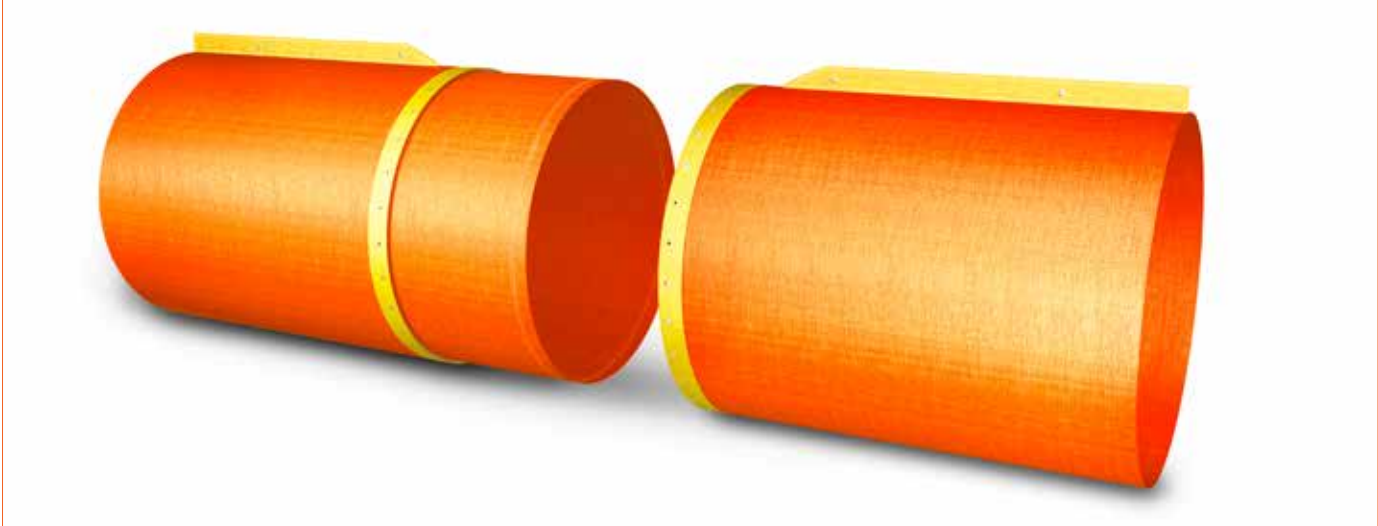


MINEMASTER VENTILATION DUCTING "FLOW RESISTANCE" CHART AVERAGE THEORETICAL OPERATION



JOINING MECHANISM

The joining mechanism consists of eyelets and a skirt sewn into both ends of the duct as detailed below. Skirt acts as an internal seal to minimise air loss through the joint.



HANGING CLIPS



Used to hang Mineflat/Mineflex to the knocker line.



PIPEMASTER™ INTRODUCTION

PLASCORP™ MANUFACTURES AND SUPPLIES A COMPREHENSIVE RANGE OF UPVC PIPE UNDER THE BRAND NAME PIPEMASTER FOR USE IN IRRIGATION, MINING, DRAINAGE, WATER SUPPLY AND CIVIL MARKET SECTORS THROUGHOUT AUSTRALIA. OUR MAIN PRODUCTS INCLUDE PRESSURE PIPE, BORECASING, ELECTRICAL CONDUIT, STORMWATER, DWV AND VACUUM PIPE. OUR PIPEMASTER PVC PIPE IS MANUFACTURED IN ACCORDANCE TO RELEVANT AUSTRALIAN STANDARDS WHILST ALSO ENSURING COMMITMENT TO STOCK LEVELS, QUALITY, CUSTOMER SERVICE AND PRODUCTION FLEXIBILITY IN SUPPORT OF OUR CUSTOMERS.



PVC-U PRESSURE PIPE SERIES 1 RUBBER RING JOINT (RRJ) (AS/NZS1477)



PVC pressure pipes are manufactured in accordance to AS-1477 from PVC resin compounded with stabilisers, lubricants and pigments. They do not contain any plasticisers and hence are known as unplasticised PVC or PVC-U.

PVC-U pipes have been used for pressure applications in Australia since the 1960s, but have a much longer service history elsewhere in the world. Over this time, industry has recognised the many benefits of PVC for pressure pipes: material stability, corrosion resistance, and high strength to weight ratio, ease of handling, installation and excellent flow characteristics.

CLASS 6					CLASS 9					
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
100	114.3				114.3	104.7	4.8	2.4	6	52
150	160.2	151.2	4.5	3.23					6	28
200	225.3	213.9	5.7	5.7	225.3	208.5	8.4	8.3	6	15



PVC-U PRESSURE PIPE SERIES 1 SOLVENT WELD (SWJ) (AS/NZS1477)



PVC pressure pipes are manufactured in accordance to AS-1477 from PVC resin compounded with stabilisers, lubricants and pigments. They do not contain any plasticisers and hence are known as unplasticised PVC or PVC-U.

PVC-U pipes have been used for pressure applications in Australia since the 1960s, but have a much longer service history elsewhere in the world. Over this time, industry has recognised the many benefits of PVC for pressure pipes: material stability, corrosion resistance, and high strength to weight ratio, ease of handling, installation and excellent flow characteristics.

CLASS 6						CLASS 9			
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)
15	21.4								
20	26.8								
25	33.6					30.6	1.5	0.2	36.6
32	42.3					38.5	1.9	0.4	46.1
40	48.3	45.3	1.5	0.3	51.3	44.1	2.1	0.5	52.5
50	60.4	56.8	1.8	0.5	64	55.2	2.6	0.7	65.6
65	75.4	71	2.2	0.7	79.8	69	3.2	1.1	81.8
80	88.9	83.7	2.6	1	94.1	81.3	3.8	1.5	96.5
100	114.3	107.9	3.2	1.8	120.7	104.7	4.8	2.6	123.9
125	140.2	132.2	4	2.7	148.2	128.4	5.9	4	152
150	160.3	151.3	4.5	3.6	169.3	146.9	6.7	5.2	173.7
175	200.2					185	7.6	7.6	215.4
200	225.3	213.9	5.7	6.5	236.7	208.5	8.4	9.45	242.1
225	250.4	237.6	6.4	8.1	263.2	231.8	9.3	11.8	269
250	280.4	266.2	7.1	9	294.6	259.4	10.5	15	301.4
300	315.5	299.5	8.0	11.5	331.5	292.0	11.8	17	339.1
350	355.5	337.5	9.0	15	373.5	329.0	13.3	20	382.1
375	400.5	380.3	10.1	18	420.7	370.8	14.9	27	430.3

CLASS 12					CLASS 18					
NOM size (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	BELL OD(mm)	LENGTH/s (m)	PACK QTY
15					17.8	1.8	0.2	25	6	600
20	23.8	1.5	0.2	29.8	22.4	2.2	0.3	31.2	6	600
25	29.8	1.9	0.3	37.4	28.2	2.7	0.4	39	6	600
32	37.5	2.4	0.4	47.1	35.5	3.4	0.6	49.1	6	300
40	42.9	2.7	0.6	53.7	40.5	3.9	0.8	56.1	6	270
50	53.8	3.3	0.9	67	50.6	4.9	1.3	70.2	6	245
65	67	4.2	1.4	83.8	63.2	6.1	2	87.6	6	122
80	79.1	4.9	2	98.7	74.7	7.1	2.82	103.1	6	104
100	101.7	6.3	3.4	126.9	96.1	9.1	4.76	132.5	6	67
125	125	7.6	5.2	155.4	117.6	11.3	7.35	162.8	6	45
150	142.7	8.8	6.8	177.9	134.7	12.8	9.6	185.9	6	33
175	180.4	9.9	9.7	220	171.4	14.4	13.8	229	6	18
200	203.1	11.1	12.34	247.5	192.9	16.2	17.4	257.7	6	15
225	225.8	12.3	15.53	275	214.4	18	22.9	286.4	6	8
250	252.9	13.8	18	308	240.1	20.2	25	320.8	6	8
300	284.5	15.5	24	346.5	270.2	22.7	36	360.9	6	6
350	320.6	17.5	27	390.5	304.5	25.5	48	406.5	6	6
375	361.3	19.7	35	439.9	343.1	28.8	50	458.1	6	6



PVC-U BORECASING SOLVENT WELD (SWJ) (AS/NZ 1477)



Borecasing is a specialised PVC pressure pipe offered to the mining industry. The cased section of any well usually forms a lining or casing for a water bore drilled vertically into the ground and houses the pump, drawing water from the source aquifer to the pump and seals the aquifer from contamination from adjacent zones. In this application, resistance to crushing rather than internal pressure is the key requirement, so the primary consideration is pipe wall thickness for high stiffness.

CLASS 9					CLASS 12				
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
100	114.3	104.7	4.8	2.6	101.7	6.3	3.4	6	67
125	140.2	128.4	5.9	4	125	7.6	5.2	6	38
150	160.2	146.8	6.7	5.2	142.6	8.8	6.8	6	24
155	168.2	154.2	7	NA	149.2	9.5	NA	6	18
177	177.5				157.9	9.8	8	6	18
200	225.3	208.5	8.4	9.45	203.1	11.1	12.34	6	18
225	250.4	231.8	9.3	11.8	225.8	12.3	15.53	6	8
250	280.4	259.4	10.5	15	252.9	13.8	18	6	8
300	315.5	292.0	11.8	17	284.5	15.5	24	6	6
350	355.5	329.0	13.3	20	320.6	17.5	27	6	6
375	400.5	370.8	14.9	27	361.3	19.7	35	6	6

CLASS 18					
NOM size (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
100	96.1	9.1	4.76	6	67
125	118.2	11	7.35	6	38
150	135.2	12.5	9.6	6	24
155				6	18
177	148.7	14.4	11.7	6	18
200	192.9	16.2	17.4	6	18
225	214.4	18.0	22.9	6	8
250	240.1	20.2	25	6	8
300	270.2	22.7	36	6	6
350	304.5	25.5	48	6	6
375	343.1	28.8	50	6	6



PVC-U STORMWATER SOLID WALL (SWJ) (AS/NZS1254)



Authorities and contractors recognise the cost effectiveness and advantages of long lengths, ease of handling, installation and the proven performance of PVC pipes for stormwater applications. Plascorp™ storm water pipes are available in sizes ranging from 75mm to 300 mm. Plascorps™ storm water grade of PVC pipe is manufactured in accordance with AS/NZS 1254.

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
75	75.1	72.1	1.5	0.6	6	122
90	90.1	87.1	1.5	0.67	6	104
90 HD	90.1	86.7	1.7	0.8	6	104
90 XHD	90.1	86.3	1.9	1	6	104
150	160.3	154.5	2.9	2.25	6	33
175	200.3	193.1	3.6	3.33	6	24
225	250	241	4.5	5.54	6	11
300	315	304	5.5	9	6	

PVC-U DWV SOLID WALL (SWJ) (AS/NZS1260)



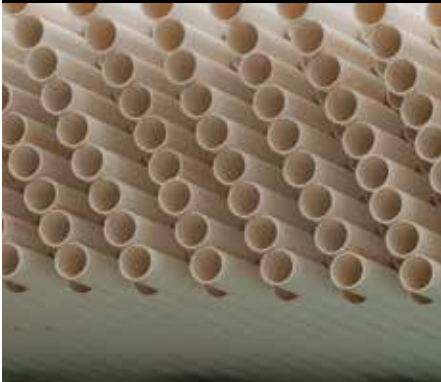
Manufactured according to AS/NZS 1260 Plascorps™ DWV (Drain Waste & Vent) is one of the most comprehensive on the market with a full range from 40mm to 225mm in diameter. PVC-U is the predominant material used in DWV applications in Australia.

The advantages of PVC in DWV applications are well accepted, being lightweight, resistant to a wide variety of chemicals, do not support combustion (are approved for multi-storey plumbing in conjunction with approved fire stop collars), they are impervious to bacterial and fungal attack and are not subject to electrolytic corrosion.

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
40	42.9	38.9	2	0.35	6	306
50	55.85	51.45	2.2	0.44	6	254
65	68.85	63.45	2.7	0.93	6	171
80	82.5	76.7	2.9	1.21	6	113
100 SN6	110.2	104.2	3	1.53	6	67
150 SN4	160.25	152.25	4	3.33	6	33
150 SN8	160.25	149.85	5.2	4.25	6	33
225 SN4	250.35	238.15	6.1	6.1	6	11
225 SN8	250.35	233.95	8.2	10	6	11
300 SN4	315	299.6	7.7	13.03	6	6
300 SN8	315	294.2	10.4	16	6	6



PVC-U VACUUM PIPE (SWJ)



A pipe subjected to or vacuum internally is subject to a potential stability problem and can undergo a form of unstable collapse if the pressure is sufficiently high, through buckling of the pipe wall. Plascorp™ are proven specialists in the manufacture of vacuum pipe for the installation of ducted vacuum systems throughout Australia.

Our vacuum pipe is available in various diameters and lengths for added flexibility. With an ultra-smooth internal surface Plascorps™ vacuum pipe offers improved air flow in addition to ensuring minimal material hang-up in operation.

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
50	50.8	47.8	1.5	0.4	2.5 & 4	200

PVC-U ELECTRICAL CONDUIT SOLVENT WELD (SWJ) (AS/NZS2053)



Plascorp™ offers a range of electrical conduit and ducting, manufactured in accordance with AS/NZS 2053, suitable for both commercial and domestic applications. PVC is ideally suited for electrical conduits, both for above and below ground cables as it is non-conductive, lightweight and easy to install.

These conduits are used in buried applications and in buildings either fully exposed or encased in concrete floors. Whilst AS/NZS determines the most common length at 4m long, Plascorp™ has the ability to manufacture custom lengths to suit customer application requirements.

ELECTRICAL CONDUIT - MEDIUM DUTY-GREY					ELECTRICAL CONDUIT - HEAVY DUTY-ORANGE				
NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
20	19.85	17.45	1.75	0.17	15.05	2.4	0.19	4	600
25	24.85	20.95	1.95	0.2	19.65	2.6	0.26	4	600
32	31.85	27.45	2.2	0.31	26.25	2.8	0.37	4	360
40	39.85	34.75	2.55	0.52	33.45	3.2	0.52	4	270
50	49.85	43.95	2.95	0.64	42.85	3.5	0.75	4	195
63	62.85				54.85	4	1.07	4	202
80	88.9				79.3	4.8	1.87	4	104
100	114.3				102.3	6	3.08	4	67
125	140.2				125.4	7.4	4.65	4	45
150	160.3				143.3	8.5	6.13	4	33
200	225.3				206.3	9.5	14.5	4	15



COMMUNICATIONS CONDUIT



Plascorp™ rigid wall PVC conduits are used by Australia's growing telecommunications industry. PVC is ideally suited for electrical conduits, both for above and below ground cables as it is non-conductive, lightweight and easy to install. These conduits are used in buried applications and in buildings either fully exposed or encased in concrete floors.

COMMUNICATIONS CONDUIT

NOM size (mm)	MEAN OD (mm)	MEAN ID (mm)	MEAN Wall (mm)	MASS Kg/m	LENGTH/s (m)	PACK QTY
32	31.85	27.45	2.2	0.31	4	360
50	49.85	43.95	2.95	0.64	4	195
63	63	56.6	3.2	0.86	4	202
80	85.1	82.1	1.5	2.28	4	104
100	109.5	104.7	2.4	3.8	4	67



CUSTOM PVC PIPE PRODUCTS

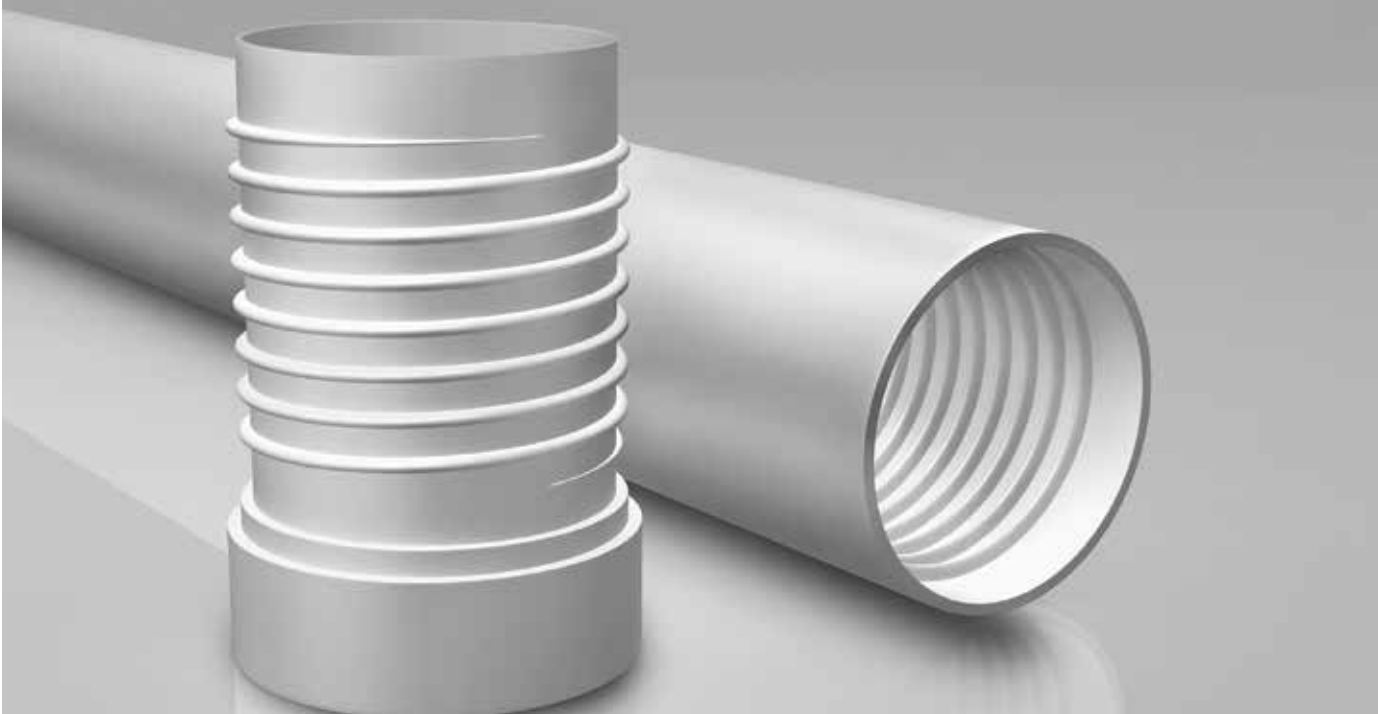


Plascorps™ customer focussed ethos extends to production flexibility allowing for custom products to be extruded with ease. Custom colours, sizes, shapes, lengths and formulations set Plascorp apart from other suppliers within the Australian market.

Experts in the extrusion of PVC and the creation of custom finished products. Combining a wealth of in-house engineering design knowledge, polymer formulation and tooling experience, Plascorp™ has the ability to bring customer and industry niche ideas to fruition.



THREADING & SLOTTING



Plascorps™ PVC product range extends to machined, threaded and slotted pipe typically used for drilling and environmental monitoring applications. Modern state of the art process machinery is used to provide a consistent quality product. Perforated pipes with half or full perforations are also available and typically used for sub surface drainage. Threading also provides an alternative joining solution without the need for solvents.

Being a fully integrated manufacturer with in house manufacturing capability enables Plascorp to offer a broad product portfolio along with the opportunity to customise products to meet its client's specialised requirements.

KEY BENEFITS:

- // Custom lengths from 1m to 6m
- // Threading is available in sizes up to 315mm
- // Slotting is available in sizes up to 500mm
- // Wide selection of slot patterns and slot widths available.



DRILL CLAMPS & ELEVATORS



Plascorps™ Product offering to the drilling industry extends to Clamps and Elevators. These tools are used worldwide by well drillers, pump installers, well servicemen and environmental drillers. With an all steel construction, these tools are designed to last.

KEY BENEFITS:

- // Range of sizes available
- // Solid construction
- // Can be used with a number of different types of pipe



DRILL CLAMPS & ELEVATORS



DRILL KKLAMP

DRILL KKLAMP 1 - ADJUSTABLE 1"-2"
 DRILL KKLAMP 2 - ADJUSTABLE 2.5"-4"
 DRILL KKLAMP 3 - ADJUSTABLE 3"-6"

- // Kwik Klamp allows workers to bring pipe joint up to an easy working level
- // Easy to operate, over center locking of jaws when downward pressure is applied to lever handle
- // Larger sizes have a 1/2" safety pin used to prevent accidental unclamping
- // Can be used with an array of pipe materials



CASING ELEVATORS

DRILL 4" PVC CASING ELEVATORS
 DRILL 5" PVC CASING ELEVATORS

- // Our PVC Elevators allow safe access to your PVC casing
- // Safer than ropes, cables or loop chains
- // 1/2" lock pin and hinges
- // Fast and safe way to install bell end well casing



PVC FLUSH JOINT PIPE CLAMPS

DRILL 4" PVC JOINT PIPE CLAMP
 DRILL 5" PVC JOINT PIPE CLAMP
 DRILL 6" PVC JOINT PIPE CLAMP
 DRILL 8" PVC JOINT PIPE CLAMP

- // Our light weight and easy to handle Flush Joint Clamps for PVC pipe are developed for the environmental industry to hold PVC pipe safely
- // Proper clamp tension must be applied in order to meet or possibly exceed the load capacity
- // Load tested to over 2000 lbs. for sizes 3" - 6" PVC pipe
- // Load tested to over 3000 lbs. for sizes 8"

CONTAINMENT - CONTAINER LINERS INTRODUCTION

PLASCORP™ CONTAINER LINERS QUICKLY CONVERT STANDARD ISO CONTAINERS INTO SELF-CONTAINED CUSTOMISABLE TRANSPORT SYSTEMS FOR ALL TYPES OF BUSINESS PRODUCTS AND CORROSIVE MATERIALS. PLASCORP™ ALSO OFFERS A CONTAINER LINER THAT IS SUITABLE FOR SHIPPING ANY PALLETISED OR PRE-PACKAGED CARGO REQUIRING A LINED CONTAINER.



THE BENEFITS OF USING A PLASCORP™ CONTAINER LINER INCLUDE:**WELDED EXPOSED SEAMS //**

Prevents any fluids used in the curing process from leaking out of the container.

EASY ONE PERSON, FIVE MINUTE INSTALLATION //

Plascorp's quick-tie system reduces labour costs and increases operation efficiency.

CUSTOMISATION //

Plascorp specialises in the design and manufacture of container liners and have the ability to customise a liner to best suit your product, loading and discharge requirements.

COMPETITIVE PRICING //

Plascorp offers economical pricing and order quantity price breaks to its customers.

GLOBAL DISTRIBUTION //

Plascorp's high quality container liners and other products are available for worldwide distribution and delivery.

PLASCORP™ TUFF LINER

OUR STRONGEST AND MOST POPULAR PLASCORP™ CONTAINER LINER, FEATURING A DOUBLE FLOOR TO PREVENT LEAKS, WITH A TOP FELT LAYER TO MINIMISE SLIPPAGE.

- // Constructed from reinforced polyethylene fabric (380gsm/625-m + 200gsm/300-m)
- // Body seams are welded to prevent leaks
- // Compact packaging for reduced freight and storage costs.
- // No sawdust required



AGRICULTURAL CONTAINER LINERS

PLASCORP™ CONTAINER LINERS ARE IDEAL FOR SHIPPING DRY BULK MATERIALS INCLUDING MALT, BARLEY, SEEDS, GRAINS, MEAL, PELLETS AND RESIN PRODUCTS. PLASCORP BULK LINERS FEATURE:

// Reduce cost and move materials in bulk closer to their final point of use or distribution.

// Our dry bulk container liners are also ideal where it is important that the material being shipped is isolated and protected from external environmental factors. The liner is made from woven polyethylene liner fabric and approved to food grade standards.

// Dry Bulk Liners are available for 20' and 40' shipping containers.



QUICK AND EASY INSTALLATION //

User-friendly design features Quick tie and one wrap Velcro system reducing labour costs and increasing efficiency.

DURABLE, VERSATILE DESIGN AND MANUFACTURING //

Tightly controlled manufacturing process, and welded exposed seams prevent leaks or product loss - ensures a superior bulk liner product.

EFFICIENT TRANSPORT AND STORAGE //

Container liners are lightweight, compact and easy to handle - reducing storage space and maximizing payload.

CUSTOM BULK CONTAINER LINERS //

Experienced in the design and manufacture of liners, we can customize a liner to your product, loading and discharge requirements.






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“Plascorp reserves the right to change specifications without prior notice or further advice. Information has been provided to assist with the selection of the Company’s product. It is recommended that the Company be contacted to assist with the selection of products for specific applications.

The Company disclaims all liability to anyone who relies on the whole or any part of the information provided in the Company’s literature and excludes all liability imposed by any statute or by the general law whether statements and representations are made negligently or otherwise except to the extent it is prevented by law from doing so.”

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