product catalogue and price list

4TH EDITION

EFFECTIVE 1 JANUARY 2012



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INDUSTRIAL HOSE & SHEET RUBBER

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POWAFLEX SAFETY YELLOW

General purpose air and water hose, excellent flexibility, safety yellow ribbed outer cover with a black inner wall. UV stabilised. Conforms to AS 2554 Class B.

Temperature range: 0°C to 60°C

^{*} Supplied on wooden reels

	PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	COIL LENGTHS	LIST
		INCH	MM	MM	PSI	(KG/M)	MTR	\$/MTR
	PFSY6	1/4	6.0	12.0	230	0.13	20, 100, 300*	3.07
	PFSY8	5/16	8.0	14.0	230	0.15	20, 100, 300*	3.58
	PFSY10	3/8	10.0	17.0	230	0.17	20, 100, 200*	3.98
	PFSY12	1/2	12.5	19.0	230	0.21	20, 100, 200*	5.39
The same of the sa	PFSY20	3/4	20.0	28.0	230	0.40	20, 100	11.53
1/1/25	PFSY25	1	25.0	34.0	230	0.55	20, 100	15.10
	PFSY32	11/4	32.0	44.0	230	0.87	20, 40	26.94
	PFSY38	1½	38.0	51.0	230	1.30	20, 40	45.40
	PFSY50	2	50.0	63.0	230	1.70	20, 40	66.80

POWAFLEX TPR/FOOD CONTACT

Translucent multi-purpose hose. Suitable for food contact and the transfer of air, water and petroleum-based products. Translucent outer cover and inner wall (blue tinge) with distinctive red tracer. Conforms to AS 2070 and AS 2554 Class B.

Temperature range: 0°C to 60°C

^{*} Supplied on wooden reels

	PART No.	I.D.	I.D.	O.D.	W.P	WEIGHT	COIL LENGTHS	LIST
		INCH	MM	MM	PSI	(KG/M)	MTR	\$/MTR
	PFTPR6	1/4	6.0	11.0	230	0.11	20, 100, 300*	3.25
	PFTPR8	5/16	8.0	13.0	230	0.13	20, 100, 300*	3.61
	PFTPR10	3/8	10.0	15.0	230	0.14	20, 100, 200*	4.24
T	PFTPR12	1/2	12.5	18.0	230	0.18	20, 100, 200*	5.59
	PFTPR16	5/8	16.0	22.0	230	0.25	20, 100	10.33
	PFTPR20	3/4	20.0	27.0	230	0.38	20, 100	12.13
$i_1 = I_1$	PFTPR25	1	25.0	33.0	230	0.51	20, 100	15.75
* **///	PFTPR32	11⁄4	32.0	43.0	230	0.85	20, 40	28.80
	PFTPR38	11/2	38.0	50.0	230	1.20	20, 40	48.70
	PFTPR50	2	50.0	64.0	230	1.70	20, 40	71.92

TRADEFLEX

Excellent flexibility at low temperature. A hose for the transfer of air, water and ideal for the tradesperson as an air compressor hose. Blue smooth outer cover with a black inner wall. UV stabilised. Conforms to AS 2554 Class B.

	PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT (KG/M)	COIL LENGTHS MTR	LIST \$/MTR
/ / / A Section of the section of th	TF6	1/4	6.0	12.0	232	0.12	20, 100, 300*	3.26
	TF8	5/16	8.0	14.0	232	0.14	20, 100, 300*	3.74
	TF10	3/8	10.0	16.0	232	0.16	15, 20, 30, 100, 200*	4.28
CHA GA	TF12	1/2	12.5	19.0	232	0.21	20, 100, 200*	5.46



PVC PRESSURE HOSE

TRADEFLEX FITTED ASSEMBLIES

Pre-assembled quality air hose and fittings in popular lengths, incorporating crimped-on quick connect quality AIP couplings in socket and plug configuration and ready for immediate service. AIP "one touch" quick connect couplings also available P.O.A.



PART No.	I.D. INCH	I.D. MM	W.P. PSI	COIL LENGTH MTR	LIST \$/COIL
TFA1010	3/8	10.0	232	10	60.50
TFA1015	3/8	10.0	232	15	74.80
TFA1020	3/8	10.0	232	20	100.10
TFA1030	3/8	10.0	232	30	117.70
TFA1210	1/2	12.5	232	10	75.60
TFA1215	1/2	12.5	232	15	93.50
TFA1220	1/2	12.5	232	20	125.15
TFA1230	1/2	12.5	232	30	147.15

CHEMFLEX BLUE AIR & CHEMICAL

A flexible PVC air and chemical hose for medium pressure with a specially formulated chemical resistant tube. Blue smooth outer cover with yellow tube. For the transfer of air, water, diluted weedicide and pesticides. AS 2554 B. Temperature range: 0°C to 60°C * Supplied on wooden reels

	PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT (KG/M)	COIL LENGTHS MTR	LIST \$/MTR
	CFBL8	5/16	8.0	14.0	300	0.14	20, 100, 300*	3.94
	CFBL10	3/8	10.0	17.0	300	0.17	20, 100, 200*	4.20
1 1 1 1 1 1 1 1 1 1	CFBL12	1/2	12.5	19.5	300	0.22	20, 100, 200*	5.40
	CFBL19	3/4	19.0	28.0	300	0.47	20, 100	11.64
	CFBL25	1	25.0	34.0	300	0.62	20, 100	17.53
	CFBL32	11⁄4	32.0	44.0	250	0.85	20, 100	28.40
	CFBL38	11/2	38.0	51.0	250	1.28	20, 100	47.86
	CFBL50	2	50.0	63.0	250	1.68	20, 40	70.43

CHEMFLEX BLACK

A medium pressure hose with a specially formulated chemical resistant tube. Good flexibility, black smooth outer cover with a yellow tube. For the transfer of diluted weedicide and pesticides; also suitable for air/water applications. AS 2554 B. Temperature range: 0°C to 60°C

* Supplied on wooden reels



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	COIL LENGTHS	LIST
No.	INCH	MM	MM	PSI	(KG/M)	MTR	\$/MTR
CFBK8	5/16	8.0	14.0	300	0.14	20, 100, 300*	3.94
CFBK10	3/8	10.0	17.0	300	0.17	20, 100, 200*	4.20
CFBK12	1/2	12.5	19.5	300	0.22	20, 100, 200*	5.40
CFBK19	3/4	19.0	28.0	300	0.47	20, 100	11.64
CFBK25	1	25.0	34.0	300	0.62	20, 100	17.53
CFBK32	11/4	32.0	44.0	250	0.85	20, 100	28.40
CFBK38	11/2	38.0	51.0	250	1.28	20, 100	47.86
CFBK50	2	50.0	63.0	250	1.68	20, 40	70.43

POWAFLEX HI-SPRAY AGRICULTURAL SPRAY HOSE

A high pressure spray hose with excellent flexibility and kink resistance. Black ribbed outer cover with a specially formulated yellow chemical resistant tube. A heavy duty hose for diluted weedicide and pesticides in general agricultural or horticultural applications.

	PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	COIL LENGTHS	LIST
	No.	INCH	MM	MM	PSI	(KG/M)	MTR	\$/MTR
	HSAS8	5/16	8.0	13.8	580	0.14	20, 100, 300*	5.06
	HSAS10	3/8	10.0	16.2	580	0.16	20, 100, 200*	6.18
The second second	HSAS12	1/2	12.5	19.3	580	0.22	20, 100, 200*	8.29
	HSAS19	3/4	19.0	27.8	580	0.42	20, 100	15.67
	HSAS25	1	25.0	36.0	580	0.64	20, 100	24.23



TVCTRESSORE HOSE

POWAFLEX WHITE GREENKEEPER/WASHDOWN HOSE

Premium quality hose, excellent flexibility, for rural and commercial cold water washdown and turf watering applications. Available with a plain white ribbed outer cover and black inner wall. Temperature range: 0°C to 60°C.



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	COIL LENGTHS	LIST
No.	INCH	MM	MM	PSI	(KG/M)	MTR	\$/MTR
PFGW12	1/2	12.5	19.0	150	0.21	20, 100	6.15
PFGW19	3/4	19.0	28.0	150	0.47	20, 100	10.64
PFGW25	1	25.0	34.0	150	0.62	20, 100	13.58
PFGW32	11/4	32.0	44.0	150	0.87	20, 100	22.04
PFGW38	11/2	38.0	51.0	150	1.30	20, 100	32.62

POWAFLEX WHITE GREENLINE/WASHDOWN HOSE

Premium quality hose, excellent flexibility, for rural and commercial cold water washdown and turf watering applications. Smooth white outer cover with a distinctive green line and black inner wall. Temperature range: 0°C to 60°C.



PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	COIL LENGTHS	LIST
	INCH	MM	MM	PSI	(KG/M)	MTR	\$/MTR
PFGLW12	1/2	12.5	19.0	150	0.21	20, 100	6.15
PFGLW19	3/4	19.0	28.0	150	0.47	20, 100	10.64
PFGLW25	1	25.0	34.0	150	0.62	20, 100	13.58
PFGLW32	11/4	32.0	44.0	150	0.87	20, 100	22.04
PFGLW38	11/2	38.0	51.0	150	1.30	20, 100	32.62

POWAFLEX MEDIUM DRAG HOSE

A medium duty PVC water delivery hose for applications such as cold water washdown and small mobile sprinklers. Smooth white cover with distinctive blue stripe and black inner wall.



PART No.	COIL SIZE	O.D. MM	W.P. PSI	LIST \$/MTR
PFDH1220	12.5mm x 20mtr	18	145	5.20
PFDH12100	12.5mm x 100mtr	18	145	5.20
PFDH1920	19mm x 20mtr	25	145	8.70
PFDH19100	19mm x 100mtr	25	145	8.70
PFDH2520	25mm x 20mtr	33	145	11.50
PFDH25100	25mm x 100mtr	33	145	11.50

GREENFLEX AG-IND (10 YEAR WARRANTY)

A premium quality, strong and reliable hose for general water delivery use in agricultural and industrial applications. Greenflex is manufactured from quality virgin translucent green PVC with excellent flexibility. Guaranteed against faulty workmanship and materials for a period of 10 years.



PART No.	COIL SIZE	I.D.	I.D.	O.D.	W.P. PSI	LIST
		INCH	MM	MM		\$/COIL
GFAI1220	12.5mm x 20mtr	1/2	12.5	18.5	150	82.72
GFAI1235	12.5mm x 35mtr	1/2	12.5	18.5	150	144.76
GFAI12100	12.5mm x 100mtr	1/2	12.5	18.5	150	413.60
GFAI1920	19mm x 20mtr	3/4	19.0	26.0	150	133.10
GFAI1935	19mm x 35mtr	3/4	19.0	26.0	150	232.93
GFAI19100	19mm x 100mtr	3/4	19.0	26.0	150	665.50
GFA12520	25mm x 20mtr	1	25.0	33.0	150	182.82
GFA12535	25mm x 35mtr	1	25.0	33.0	150	319.88
GFAI25100	25mm x 100mtr	1	25.0	33.0	150	914.10



POWAFLEX PVC FRAS AIR/WATER MINING HOSE

Fire resistant and anti-static hose for use in underground mining and industrial applications. Yellow ribbed abrasion resistant cover with a black stripe and black inner wall. Conforms to AS 2660 and AS 2554 Class A.



PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	COIL LENGTHS	LIST
	INCH	MM	MM	PSI _	(KG/M)	MTR	\$/MTR_
HMFRAS10	3/8	10.0	17.0	300	0.18	20, 100	POA
HMFRAS12	1/2	12.5	21.0	300	0.28	20, 100	POA
HMFRAS20	3/4	20.0	30.0	300	0.50	20, 100	POA
HMFRAS25	1	25.0	34.0	300	0.58	20, 30, 100, 200	POA
HMFRAS25H	1	25.0	36.0	500	0.64	20, 30, 100, 200	POA
HMFRAS32	11/4	32.0	44.0	300	0.87	20, 100	POA
HMFRAS38	11/2	38.0	50.0	300	1.30	20, 40, 100, 200	POA
HMFRAS50	2	50.0	63.0	300	1.70	20, 40, 100, 200	POA

DIVERS/AIR BREATHING HOSE

Designed for abalone diving and as a breathing hose in dust and hazardous industrial applications. Yellow cover and white inner wall. Conforms to AS 2299 and AS 1716.

* Supplied on wooden reels

PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/M	COIL LENGTHS MTR	LIST \$MTR
DH8	5/16	8.0	14.4	350	0.14	100, 300*	7.48
DH10	3/8	10.0	17.6	350	0.18	100, 300*	8.26

POWAFLEX FARM DRUM PUMP

Designed for 44 gallon drum pumps and overhead gravity feed fuel oil tanks. Special PVC compound provides for a flexible hose at low temperatures. Brown cover with 2 distinctive red stripes, U.V. stabilised.



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/M	COIL LENGTHS MTR	LIST \$/MTR
FDPH20	3/4	19.0	28.0	145	0.40	20, 100	15.47
FDPH25	1	25.0	35.0	145	0.51	20, 100	17.02

PR PETROL RESISTANT HOSE

Designed for use in applications requiring contact with oil, grease, petrol, diesel and delivery of oils. Black ribbed cover with blue inner, incorporating static dissipating copper wires. (Not suitable for highly volatile fuels).

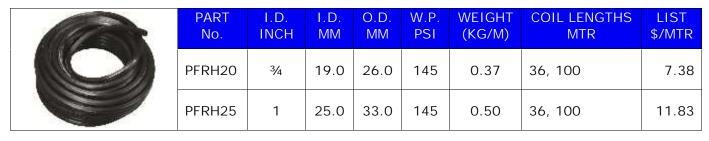


PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	COIL LENGTHS	LIST
No.	INCH	MM	MM	PSI	KG/M	MTR	\$/MTR
EPR25	1	25.0	34.0	195	0.60	20, 100	27.93
EPR32	11⁄4	32.0	42.0	175	0.80	20, 60	43.40
EPR38	11/2	38.0	52.4	145	1.20	20, 40	64.42



POWAFLEX FIREREEL HOSE

Lightweight, flexible, manufactured to AS/NZS 1221, for mobile or stationary hose reels. Black ribbed outer cover and black inner wall.



FIRE HOSE ASSEMBLY

For hand held fire fighting. Assembly includes PVC fire hose, fittings and heavy duty spray nozzle.

(Carrow)	PART No.	SIZE	LIST \$/EACH
	FHA2020	19mm x 20mtr	201.00
	FHA2036	19mm x 36mtr	319.00

FIRE KITS - ASSEMBLED

Each kit supplied complete with adjustable nozzle, strainer, brass nut and tails and clamps.

	DESCRIPTION	PART No.	LIST \$/EACH
	Standard Kit		
	1 x 4mtr Length 38mm Grey PVC Suction Hose 2 x 6mtr Lengths 20mm PVC Delivery Hose	SFK46	459.80
444	Heavy Duty Kit		
	1 x 6mtr Length 38mm Grey PVC Suction Hose 2 x 10mtr Lengths 20mm PVC Delivery Hose	HDFK610	527.20
	Premium Kit		
	1 x 6mtr Length 38mm Grey PVC Suction Hose 1 x 20mtr Length 20mm PVC Delivery Hose	PFK620	559.00

Other combinations available – contact your local AIP sales office for details.

FIRE HOSE REEL

Complete with hose.

SIZE MM x MTR	PART No.	LIST \$/EACH
19mm x 36mtrs	FHR1936	363.22



POWAFLEX PURPLE SULLAGE HOSE

Designed for the transfer of grey water. Unreinforced for open end discharge. Purple in colour for ease of identification.



POWAFLEX PURPLE GREYLINE

Reinforced purple pressure hose with distinctive white stripe, designed for the transfer of grey water under pressure.

PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	COIL LENGTHS MTR	LIST \$/MTR
PFPGL12	1/2	12.5	18	145	20, 100	5.20
PFPGL19	3/4	19	25	145	20, 100	8.70

WASHING MACHINE HOSE

Washing machine/dishwasher or hot washdown hose, commercial kitchens etc. White robust PVC ribbed cover and white inner wall.

	PART No.	COIL SIZE	W.P. PSI	LIST \$/MTR
	WMH1220	12mm x 20mtr	230	11.64
1 Miles	WMH12100	12mm x 100mtr	230	11.64
	WMH2020	20mm x 20mtr	230	33.66
	WMH20100	20mm x 100mtr	230	33.66

WASHING MACHINE GREY WATER DISCHARGE HOSE

For the transfer of grey water, open end discharge. $22mm \ NB \ x \ 10mtr \ length \ (includes \ cuff).$ 5 lengths per carton.

PART No.	COIL SIZE	LIST \$/COIL
WMDH2210	22mm x 10mtr	149.60

POWAFLEX PVC DROP HOSE

PART No.	I.D. INCH	I.D. MM	O.D. MM	COIL LENGTH MTR	LIST \$/MTR
PDH195	3/4	19.5	24.5	100	5.17



GARDENFLEX - 3 YEAR WARRANTY

Commercial reinforced garden hose with a quality finish and U.V. stabilised. Manufactured to Australian Standard AS 2620.1 Class 700. Available unfitted or fitted with quality Raynbo fittings and nozzle.



PART No.	SIZE	FITTED OR UNFITTED	LIST \$/COIL
GFGH1218F	12mm x 18mtr	Fitted	46.92
GFGH1230F	12mm x 30mtr	Fitted	70.42
GFGH1218	12mm x 18mtr	Unfitted	35.18
GFGH1230	12mm x 30mtr	Unfitted	58.64
GFGH12100	12mm x 100mtr	Unfitted	192.94
GFGH1818F	18mm x 18mtr	Fitted	94.12
GFGH1830F	18mm x 30mtr	Fitted	144.85
GFGH1818	18mm x 18mtr	Unfitted	76.49
GFGH1830	18mm x 30mtr	Unfitted	127.24
GFGH18100	18mm x 100mtr	Unfitted	418.40

ALLROUNDER II - 10 YEAR WARRANTY

Premium quality reinforced garden hose, flexible, strong and kink resistant, with a high quality finish. Identified by a single yellow stripe. A U.V. stabilised long life hose. Manufactured to Australian Standard AS 2620.1 Class 1200. Available unfitted or fitted with quality Raynbo fittings and nozzle. Also available with brass fittings (POA).



PART No.	SIZE	FITTED OR	LIST
		UNFITTED	\$/COIL
ARGH1218F	12mm x 18mtr	Fitted	71.41
ARGH1230F	12mm x 30mtr	Fitted	108.67
ARGH1218	12mm x 18mtr	Unfitted	55.89
ARGH1230	12mm x 30mtr	Unfitted	93.15
ARGH12100	12mm x 100mtr	Unfitted	310.48
ARGH1818F	18mm x 18mtr	Fitted	134.42
ARGH1830F	18mm x 30mtr	Fitted	211.46
ARGH1818	18mm x 18mtr	Unfitted	116.80
ARGH1830	18mm x 30mtr	Unfitted	193.84
ARGH18100	18mm x 100mtr	Unfitted	648.92
ARGH2420	24mm x 20mtr	Unfitted	165.77
ARGH2430	24mm x 30mtr	Unfitted	248.71
ARGH24100	24mm x 100mtr	Unfitted	829.04

OLYMPIC GOLDFLEX 2000 - 12 YEAR WARRANTY

The ultimate premium quality hose. Superior strength, flexibility and kink resistance. High quality finish, U.V. stabilised for long life. Manufactured to AS 2620.1 Class 1200. Available unfitted or fitted with quality Raynbo fittings and nozzle. Also available with brass fittings (POA).

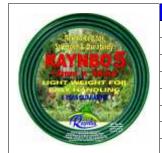


PART No.	SIZE	FITTED OR	LIST	
		UNFITTED	\$/COIL	
OGGH1218	12mm x 18mtr	Unfitted	70.32	
OGGH1230	12mm x 30mtr	Unfitted	117.23	
OGGH12100	12mm x 100mtr	Unfitted	390.73	
OGGH1818	18mm x 18mtr	Unfitted	145.84	
OGGH1830	18mm x 30mtr	Unfitted	267.28	
OGGH18100	18mm x 100mtr	Unfitted	810.22	



RAYNBO 5 (5 YEAR WARRANTY)

A quality finish, reinforced garden hose. UV stabilised, manufactured to Australian Standard AS 2620.1 Class 700. Available unfitted or fitted with quality Raynbo fittings and nozzle.



PART No.	COIL SIZE	FITTED OR UNFITTED	LIST \$/COIL
RB9040F	12mm x 18mtr	Fitted	46.92
RB9041F	12mm x 30mtr	Fitted	70.42
RB9040	12mm x 18mtr	Unfitted	35.18
RB9041	12mm x 30mtr	Unfitted	58.64
RB9042	12mm x 100mtr	Unfitted	192.94
RB9050	18mm x 18mtr	Unfitted	76.49
RB9051	18mm x 30mtr	Unfitted	127.24
RB9052	18mm x 100mtr	Unfitted	418.40

RAYNBO 10 (10 YEAR WARRANTY)

A premium quality, reinforced garden hose. Strong, flexible and kink resistant. UV stabilised for long life and a high quality finish. Identified by two distinctive yellow stripes. Manufactured to Australian Standard AS 2620.1 Class 1200. Available unfitted or fitted with quality Raynbo fittings and nozzle. Also available with brass fittings (POA).



PART No.	COIL SIZE	FITTED OR UNFITTED	LIST \$/COIL
RB9060F	12mm x 18mtr	Fitted	71.41
RB9061F	12mm x 30mtr	Fitted	108.67
RB9060	12mm x 18mtr	Unfitted	55.89
RB9061	12mm x 30mtr	Unfitted	93.15
RB9062	12mm x 100mtr	Unfitted	310.48
RB9070F	18mm x 18mtr	Fitted	134.42
RB9071F	18mm x 30mtr	Fitted	211.46
RB9070	18mm x 18mtr	Unfitted	116.80
RB9071	18mm x 30mtr	Unfitted	193.84
RB9072	18mm x 100mtr	Unfitted	648.92
RB9080	24mm x 20mtr	Unfitted	165.77
RB9081	24mm x 30mtr	Unfitted	248.71
RB9082	24mm x 100mtr	Unfitted	829.04

SOAKER HOSE

PART No.	SIZE MTR	LIST \$/COIL
GSH75	7.5MTR COIL	23.35
GSH15	15MTR COIL	36.50



CLEAR VINYL TUBING

Food contact, conforms to AS 2070 standard. Suitable for low pressure general delivery lines, light syphon lines, drainage lines, etc.



PART No.	I.D. MM	O.D. MM	WEIGHT KG/MTR	COIL LENGTHS MTR	LIST \$/MTR
CVT3	3.0	5.0	0.01	30, 100	0.76
CVT5	5.0	8.0	0.03	30, 100	0.95
CVT6	6.0	9.0	0.04	30, 100	1.03
CVT8	8.0	11.0	0.05	30, 100	1.20
CVT10	10.0	13.0	0.07	30, 100	1.36
CVT12	12.0	15.0	0.1	30, 100	2.30
CVT16	16.0	19.0	0.13	30	2.90
CVT20	20.0	24.0	0.19	30	3.41
CVT25	25.0	30.0	0.33	30	6.75
CVT32	32.0	38.0	0.46	30	8.69
CVT40	40.0	47.0	0.72	30	14.37
CVT50	50.0	58.0	1.25	30	21.70

CLEAR VINYL TUBING - ON PLASTIC SPOOLS

Includes size and metre mark to 25mm.



PART No.	I.D. MM	O.D. MM	SPOOL LENGTHS MTR	LIST \$/SPOOL
CVTSP3120	3.0	5.0	120	115.68
CVTSP5120	5.0	8.0	120	137.46
CVTSP6100	6.0	9.0	100	127.05
CVTSP880	8.0	11.0	80	120.03
CVTSP1060	10.0	13.0	60	106.24
CVTSP1250	12.0	15.0	50	139.15
CVTSP1640	16.0	19.0	40	140.36
CVTSP2030	20.0	24.0	30	126.57
CVTSP2520	25.0	30.0	20	159.24

BEVERAGE TUBE

Tubing suitable for the transfer of foodstuffs and beverages, beer lines.



PART No.	I.D.	O.D.	WEIGHT	COIL LENGTHS	LIST
	MM	MM	KG/MTR	MTR	\$/MTR
BT47	4.0	7.0	0.021	100	2.01
BT58	5.0	8.0	0.030	100	2.20
BT610	6.0	10.0	0.042	100	2.89
BT812	8.0	12.0	0.058	100	4.66
BT1015	10.0	15.0	0.090	100	7.74
BT1217	12.0	17.0	0.100	100	9.24



SELF STORE HOSE

Made from nylon, self store hose is lightweight, abrasion resistant, strong and self coiling. Suitable for air supply to pneumatic tools, hand tools, etc. Yellow in colour.

THE STATE OF THE S	PART No.	I.D. MM	COIL SIZE MTR	LIST \$/COIL (UNFITTED)
	SSH630	6.0	30	128.87
	SSH1030	10.0	30	186.42
	SSH1230	12.0	30	339.69
	SSH615	6.0	15	69.70
	SSH1015	10.0	15	97.97
	SSH1215	12.0	15	176.90

Also available as fitted assemblies - POA.

IMPERIAL AIRBRAKE TUBE SAEJ844 TYPE

1111417/	PART No.	O.D. INCH	BURST PRESSURE PSI	COIL LENGTH MTR	LIST \$/MTR
	NTJ84418	1/8″	1000	100	0.94
1111 111 X	NTJ844316	3/16"	1200	100	1.74
HILL THE NUMBER	NTJ84414	1/4"	1200	100	2.08
111111 11111111 1231111 1 1111	NTJ844516	5/16"	1000	100	3.30
	NTJ84438	3/8"	1400	100	6.09
11111 11111111111111111111111111111111	NTJ84412	1/2"	950	100	8.22
11111 111111111111111111111111111111	NTJ84458	5/8″	900	100	14.56
	NTJ84434	3/4"	800	100	18.29

METRIC AIRBRAKE TUBE SAEJ1394

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PART No.	O.D. MM	I.D. MM	TYPE	COIL LENGTH MTR	LIST \$/MTR
	NTJ13946	6.0	4.0	Α	100	2.17
	NTJ13948	8.0	6.0	Α	100	3.60
	NTJ139410	10.0	7.0	В	100	9.63
	NTJ139412	12.0	9.0	В	100	10.55
	NTJ139416	16.0	12.0	В	100	14.19



Nylon tubing for use in pneumatic and hydraulic control systems. Air/water and chemical.

METRIC SIZES FLEXIBLE 1000 PSI BURST PRESSURE



PART	O.D.	WALL	BURST	COIL	LIST \$/MTR
No.	MM	MM	PRESSURE	LENGTH	BLACK &
			PSI	MTR	NATURAL
NTMF4	4.0	0.65	1000	100	0.68
NTMF5	5.0	0.85	1000	100	1.06
NTMF6	6.0	1.0	1000	100	1.46
NTMF8	8.0	1.4	1000	100	2.70
NTMF10	10.0	1.7	1000	100	4.16
NTMF12	12.0	2.0	1000	100	5.90

IMPERIAL SIZES FLEXIBLE 1000 PSI BURST PRESSURE



PART No.	O.D. INCH	WALL INCH	BURST PRESSURE PSI	COIL LENGTH MTR	LIST \$/MTR BLACK & NATURAL
NTIF18	1/8″	0.019"	1000	100	0.48
NTIF316	3/16"	0.031"	1000	100	0.95
NTIF14	1/4"	0.040"	1000	100	1.61
NTIF516	5/16"	0.049"	1000	100	2.52
NTIF38	3/8"	0.058"	1000	100	3.52
NTIF12	1/2″	0.076"	1000	100	6.00
NTIF58	5/8″	0.065"	500	100	7.13

IMPERIAL SIZES SEMI RIGID 2500 PSI BURST PRESSURE



PART	O.D.	WALL	BURST	COIL	LIST \$/MTR
No.	INCH	INCH	PRESSURE	LENGTH	BLACK &
			PSI	MTR	NATURAL
NTR18	1/8″	0.023"	2500	100	0.61
NTR316	3/16"	0.038"	2500	100	1.35
NTR14	1/4″	0.050"	2500	100	2.18
NTR516	5/16"	0.062"	2500	100	3.34
NTR38	3/8"	0.074"	2500	100	4.70
NTR12	1/2″	0.097"	2500	100	8.22



POWAFLEX GREY GENERAL PURPOSE PVC SUCTION HOSE

General purpose heavy duty PVC suction/delivery hose, grey with white spiral. Flexible and strong for suction and delivery of water slurries, waste, chemicals. Agricultural, construction and industrial uses. Temperature range: -10° C to $+60^{\circ}$ C.

non-management (PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	VAC RATING MM/HG 20°C	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
THE PARTY OF THE P	PFGS25	1	25	32.4	90	900	125	30	19.27
	PFGS32	11/4	32	40.4	90	900	160	30	21.70
AMMANA	PFGS38	11/2	38	46.4	75	900	190	30	25.18
	PFGS45	13/4	45	52.0	75	900	225	30	30.13
	PFGS50	2	50	60.6	75	900	250	30	34.89
	PFGS63	21/2	63	73.8	65	800	315	30	42.80
	PFGS76	3	76	87.0	65	800	375	30	59.26
	PFGS102	4	102	115.4	45	800	500	30	92.33
	PFGS125	5	125	141.4	45	800	625	30	132.50
	PFGS152	6	152	168.8	50	800	850	30	173.60

POWAFLEX BLUE PVC OIL SUCTION HOSE

Suitable for oil and oil based fluids. Diesel fuel, chemical resistant. Temperature range: -10° C to $+60^{\circ}$ C.

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A Billion and the World Williams	PFBS20	3/4	20	25.4	100	900	100	30	28.93
Arthur	PFBS25	1	25	32.4	100	900	125	30	30.27
	PFBS32	11/4	32	40.4	90	900	160	30	33.73
	PFBS38	1½	38	46.4	75	900	190	30	35.56
	PFBS50	2	50	60.6	75	900	250	30	45.84
	PFBS63	21/2	63	73.8	75	800	315	30	73.22
	PFBS76	3	76	87.0	60	800	380	30	83.83
	PFBS102	4	102	115.4	55	800	510	30	134.15
	PFBS125	5	125	141.4	45	800	625	30	198.00
	PFBS152	6	152	168.8	50	800	850	30	258.50

POWAFLEX BLACK PVC OIL SUCTION HOSE

Suitable for oil and oil based fluids, chemical resistant, flexible and abrasive resistant. Temperature range: 0°C to 60°C.

	PART No.	I.D. INC H	I.D MM	O.D MM	W.P PSI	VACUU M RATING MM/HG	BENDIN G RADIUS MM	COIL LENGT H MTR	LIST \$/MT R
Scotting Section 1	PFBKS2 5	1	25	34.0	90	900	125	30	30.27
MANAGED CONTRACTOR OF THE PARTY	PFBKS3 2	11⁄4	32	40.4	90	900	160	30	33.73
	PFBKS3 8	1½	38	46.4	75	900	190	30	35.56

PFBKS5	2	50	60.6	75	900	250	30	45.84
0								
PFBKS6	21/2	63	73.8	65	800	315	30	73.22
3								
PFBKS7	3	76	87.0	65	800	380	30	83.83
6								

SUPER ELASTIC PVC SUCTION HOSE

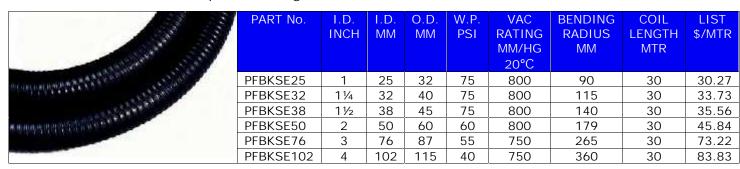
POWAFLEX METALLIC BLUE SUPER ELASTIC PVC OIL SUCTION HOSE

An extra flexible hose offering excellent bending radius and kink resistance. Suitable for oil and oil based fluids, diesel fuel and chemical resistant. Temperature range: -10°C to +60°C.

	PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	VAC RATING MM/HG 20°C	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
National states as the parties of the last	PFBSE25	1	25	32	75	800	90	30	30.27
THE PROPERTY OF THE PARTY OF TH	PFBSE32	11⁄4	32	40	75	800	115	30	33.73
ALM WALLES	PFBSE38	1½	38	45	75	800	140	30	35.56
Colora Chelescalis, al Maria de la Signa de La Calendaria	PFBSE50	2	50	60	60	800	179	30	45.84
All and the second	PFBSE63	21/2	63	73	55	800	225	30	73.22
	PFBSE76	3	76	87	55	750	265	30	83.83
	PFBSE102	4	102	115	40	750	360	30	134.15

POWAFLEX BLACK SUPER ELASTIC PVC CHEMICAL & OIL SUCTION HOSE

An extra flexible hose offering excellent bending radius and kink resistance. Suitable for chemicals, oils and oil based fluids. Temperature range: -10°C to +60°C.



POWAFLEX PVC SLURRY SUCTION HOSE

General purpose, heavy duty, extra flexible PVC hose. Grey PVC wall with blue external rib for extra abrasion resistance. For suction and delivery of slurry and waste recovery. Temperature range: -10°C to +60°C.

	PART No.	I.D. INCH	I.D. MM	W.P. PSI (20°C)	VACUUM RATING MM/HG 20°C	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
	PFSH25	1	25	75	900	87	30	26.02
MANAGEMENT STREET	PFSH38	11/2	38	65	900	133	30	34.00
	PFSH50	2	50	60	900	176	30	41.80
WARRING WARRANT TO THE PARTY OF	PFSH76	3	76	50	800	262	30	72.38
AAAAAAAAAAA	PFSH102	4	102	40	800	357	30	109.56
and the same of th	PFSH152	6	152	30	800	525	30	204.55
	PFSH203	8	203	30	800	700	10	349.80



PVC SUCTION HOSE

POWAFLEX RED SPIRAL PVC SUCTION HOSE - TRANSPARENT WALL

Wine, food and beverage hose, red spiral transparent wall. Non-toxic, heavy duty suction and delivery hose to standard AS 2070.

Temperature range: -5°C to +60°C.



POWAFLEX RED SPIRAL PVC SUCTION HOSE - ALL RED OPAQUE WALL

Wine, food and beverage hose, red spiral and all red opaque wall. Non-toxic, heavy duty suction and delivery hose to standard AS 2070.

Temperature range: -5°C to +60°C.

	PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	VAC RATING MM/HG 20°C	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
DEMONSTRATION OF THE PROPERTY	PFFCR25	1	25	32	120	750	112	30	24.83
HILL STATE OF THE	PFFCR32	11/4	32	40	100	750	144	30	30.33
And the second of the second o	PFFCR38	11/2	38	46	100	750	171	30	36.59
DIT TOTAL CANALANA	PFFCR50	2	50	61	80	750	225	30	44.30
	PFFCR63	21/2	63	74	75	750	283	30	64.30
	PFFCR75	3	75	87	60	750	337	30	74.55
	PFFCR100	4	100	115	60	750	459	30	121.67

POWAFLEX FLEXISTEEL - FOOD CONTACT

Transparent steel wire reinforced PVC hose. Flexible and strong, for suction and delivery of liquids and foodstuffs.

Temperature range: 0°C to 60°C.

	PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/M	VACUUM MM/HG	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
0.0073	FSFC13	1/2	13	19	105	0.215	900	52	50	12.20
	FSFC16	5/8	16	22	90	0.245	900	64	60	17.10
AND ADDRESS OF THE PARTY OF THE	FSFC19	3/4	19	27	100	0.320	900	45	50	14.84
STATE OF THE PARTY	FSFC25	1	25	33	85	0.510	900	63	50	21.05
	FSFC32	11⁄4	32	40	70	0.630	900	80	50	30.65
	FSFC38	11/2	38	48	70	0.780	900	95	50	34.76
	FSFC50	2	50	61	70	1.250	900	125	50	53.97
	FSFC63	21/2	63	75	60	1.800	850	160	30	99.84
	FSFC76	3	76	90	60	2.200	850	200	30	101.93
	FSFC102	4	102	116	35	3.500	800	300	30	140.40
	FSFC127	5	127	144	30	4.600	800	380	30	238.98
	FSFC152	6	152	168	30	6.400	750	450	30	331.90



POWAFLEX MEDIUM DUTY GREEN TRANSLUCENT PVC SUCTION HOSE

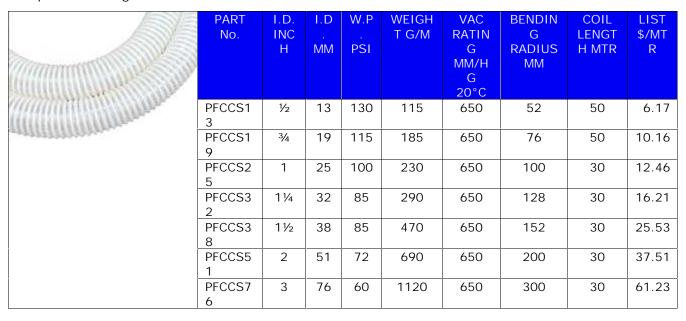
A medium duty, flexible, smooth bore PVC suction hose with white helix and green translucent wall. Agricultural, air seeder and general industrial applications. Temperature range: 0°C to 60°C.

	PART No.	I.D. INC H	I.D MM	W.P PSI	WEIGH T G/M	VAC RATIN G MM/H G 20°C	BENDIN G RADIUS MM	COIL LENGT H MTR	LIST \$/MT R
(44)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)	PFMDG2 5	1	25	100	230	650	100	30	9.48
	PFMDG3 2	11⁄4	32	85	290	650	128	30	12.39
	PFMDG3 8	1½	38	85	440	650	152	30	19.36
	PFMDG4 5	1¾	45	72	570	650	180	30	27.70
	PFMDG5 1	2	51	72	690	650	200	30	29.43
	PFMDG6 3	21/2	63	72	890	650	252	30	37.95
	PFMDG7 6	3	76	55	1120	650	300	30	47.72

POWAFLEX NON-TOXIC FLEXIBLE MEDIUM DUTY CLEAR PVC SUCTION HOSE

For suction and delivery of foodstuffs, such as beverages, eg. juices, beer, wine, alcohol, etc. AS 2070.

Temperature range: 0°C to 60°C.



AGPOND HOSE

Light and flexible, black spiral reinforced, PVC suction discharge hose. Smooth bore, corrugated cover. Water supply for artificial ponds and fountains, agricultural and marine. Temperature range: 0° C to 60° C.

	PART No.	I.D. INCH	I.D. MM	WEIGHT G/M	VAC RATING MM/HG	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
	AGPOND13	1/2	13	125	700	54	20, 30	9.02
	AGPOND19	3/4	19	200	700	85	20, 30	10.59
100	AGPOND25	1	25	235	700	113	20, 30	11.58
8 mm = 2 8 mm = 2	AGPOND28	1 1/8	28	280	700	126	20, 30	15.62
	AGPOND32	11⁄4	32	340	700	144	20, 30	16.86
	AGPOND38	11/2	38	420	700	171	20, 30	17.08
	AGPOND51	2	51	800	700	225	20, 30	27.94



PVC SUCTION HOSE

POWAFLEX MEDIUM DUTY BLACK TRANSLUCENT PVC SUCTION HOSE

A medium duty, flexible, smooth bore PVC suction hose with black helix and translucent wall. Agricultural, air seeder and general industrial applications.

Temperature range: 0°C to 60°C.



PART No.	I.D. INCH	I.D. MM	W.P. PSI	WEIGHT G/M	VAC RATING MM/HG 20°C	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
PFMDB25	1	25	100	300	750	112	20, 40	22.57
PFMDB32	11/4	32	100	400	750	144	20, 40	27.57
PFMDB38	11/2	38	100	580	750	171	20, 40	33.26
PFMDB45	13/4	45	90	680	750	185	20, 40	36.30
PFMDB51	2	51	75	970	900	250	20, 40	40.27
PFMDB63	21/2	63	65	1405	800	315	20, 40	58.45
PFMDB76	3	76	65	1680	800	375	20, 40	67.77

MAGFLEX

Corrugated cover – smooth bore. Flexible and abrasion resistant. Vacuum, discharge, agricultural and marine. Temperature range: 0°C to 60°C.



PART No.	I.D. INCH	I.D. MM	O.D. MM	WEIGHT KG/MTR	COIL LENGTH MTR	LIST \$/MTR
MAG13	1/2	13	18	0.12	20	9.02
MAG19	3/4	19	24	0.18	20	10.59
MAG25	1	25	31	0.25	20	11.58
MAG28	1 1/8	28	36	0.41	20	15.62
MAG32	11⁄4	32	37	0.44	20	16.86
MAG38	1½	38	47	0.48	20	17.08
MAG50	2	50	59	0.70	20	27.94
MAG76	3	76	88	1.15	20	38.12

POWAFLEX AIR SEEDER BLACK FLEXIBLE

Corrugated cover – smooth bore. Lightweight and flexible. Abrasion resistant and durable. Designed for use on air seeding machines. Coupling not included.

Temperature range: 0°C to 60°C.



PART No.	I.D. INCH	I.D. MM	O.D. MM	WEIGHT KG/MTR	COIL LENGTH MTR	LIST \$/MTR
PFAS25	1	25	32	0.25	20	12.27
PFAS29	1 1/8	29	36	0.28	20	14.64
PFAS31.5	11⁄4	31.5	41	0.32	20	13.18
PFAS35	1 3/8	35	44	0.40	20	19.20
PFAS38	11/2	38	47	0.45	20	16.20
PFAS44	13/4	44	52	0.48	20	26.33
PFAS50	2	50	64	0.85	20	28.96
PFAS63	21/2	63	76	1.00	20	52.64
PFAS76	3	76	87	1.10	20	56.87
PFAS100	4	102	116	1.85	20	79.38

SANFLEX

White sanitary, odourless marine PVC suction and delivery hose. Temperature range: 0°C to 60°C.

PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	COIL LENGTH MTR	LIST \$/MTR
SAN19	3/4	19	26	60	20	14.28
SAN25	1	25	32	60	20	16.48
SAN38	1½	38	45	60	20	22.79



SPA, POOL & VACUUM HOSE

SPAFLEX - SPA HOSE

Designed for easy installation in spa baths, whirlpools, etc. Smooth bore for efficient flow. Temperature range: -10° C to $+60^{\circ}$ C

PART No.	O.D. MM		WEIGHT GM/MTR	W.P. PSI	VACUUM RATING MM/HG 20°C	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
SFH48	48	40	760	85	800	240	25	35.10
SFH60	60	53	865	70	750	360	25	40.78

POOL VACUUM CLEANER HOSE

Non-automatic, manufactured from virgin low density polyethylene.

WHITE POOL HOSE - WITH CUFFS

N.B. MM	COIL LENGTHS METRES (IN CARTONS)	PART No.	LIST \$/MTR
32	7, 9, 11, 13	PHW32	6.22
38	8, 9, 11, 13, 15	PHW38	7.20

CUFFS - STANDARD POOL HOSE WHITE

N.B. MM	PART No.	LIST \$/EACH
32	CFPH32	4.70
38	CFPH38	4.70

G-VAC HOSE

Lightweight, extremely flexible smooth bore vacuum hose. Designed for commercial carpet cleaning machines. Resistant to chemicals and abrasions. Designed for maximum flow and tangle-free operation. Operating temperatures -20° C to $+60^{\circ}$ C. Available colours - grey/black or orange/black.

Mas	I.D. MM	I.D. INCH	PART No.	VACUUM %	BENDING RADIUS MM	LENGTH MTR	LIST \$/15MTR
	38	1½"	GVAC38	80%	85	15	333.96
	51	2"	GVAC50	70%	115	15	497.30

Also available in 32mm and 75mm I.D. - POA.



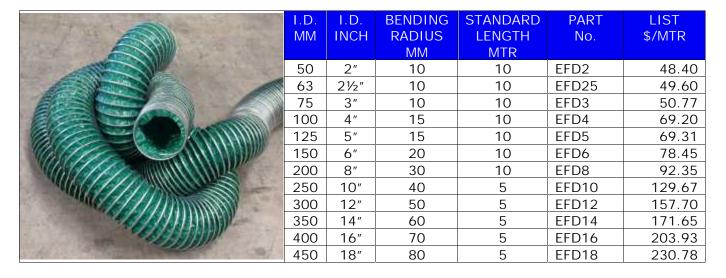
DTPR/RFH

Excellent flexibility and lightweight. Extruded black thermoplastic rubber reinforced with a steel spiral. Resistant to high temperature, chemicals and abrasion. For suction and discharge of abrasive powders, fumes, shavings, vapours and for medium to heavy duty industrial abrasive applications. Temperature range -40° C to $+120^{\circ}$ C.

	I.D. MM	I.D. INCH	BENDING RADIUS	VACUUM M/H20	WEIGHT G/M	LENGTH MTR	PART No.	LIST \$/MTR
			MM					
	50	2"	40	2	210	10	DTPR2	62.70
	57	21/4"	50	1.7	245	10	DTPR225	66.70
	65	21/2"	55	1.7	260	10	DTPR25	70.90
A Company of the	75	3"	65	1.7	390	10	DTPR3	78.90
	90	31/2"	75	1.6	450	10	DTPR35	91.67
	100	4"	85	1.3	495	10	DTPR4	100.43
1500	112	41/2"	95	1.2	595	10	DTPR45	111.68
	125	5"	105	1.0	690	10	DTPR5	118.98
	150	6"	125	0.8	910	10	DTPR6	131.88
	180	7"	150	0.5	1210	10	DTPR7	153.64
ASSEMBLE OF THE PROPERTY OF TH	200	8"	165	0.4	1320	10	DTPR8	180.28
	228	9"	185	0.4	1490	10	DTPR9	204.10
	250	10"	210	0.4	1800	10	DTPR10	222.05
	300	12"	250	0.3	2100	10	DTPR12	323.98
	350	14"	300	0.3	2450	10	DTPR14	419.26
	400	16″	350	0.3	2800	10	DTPR16	541.20

EXTRACTAFLEX

Lightweight and flexible; designed for industrial use in the removal of dust and fumes. Special purpose fabrics with an external helix. Temperature range -30° C to $+60^{\circ}$ C.





DUCTOR

Manufactured from grey PVC, with an external helix for extra protection when being pulled over rough surfaces such as concrete etc. For fume, dust and light material handling. Lightweight and flexible.



PART No.	I.D. MM	I.D. INCH	BENDING RADIUS	COIL LENGTH	LIST \$/MTR
			MM	MTR	
PFGD50	50	2"	50	30	19.97
PFGD65	65	21/2"	60	30	21.70
PFGD75	75	3"	75	30	23.45
PFGD100	100	4"	90	30	35.00
PFGD127	127	5"	120	30	40.30
PFGD150	150	6"	150	30	48.35
PFGD200	200	8"	230	20	54.04

POLYURETHANE DUCTING

Translucent with coppered steel spiral, smooth bore. Very light and flexible. High resistance to abrasion, weather resistant, suitable for many chemicals, suction and discharge of abrasive powders, fumes, shavings, vapours and abrasive applications. Temperature range -40° C to $+90^{\circ}$ C (maximum).





I.D. MM	O.D.	BENDING	WEIGHT	STANDARD	PART	LIST
	INCH	RADIUS	G/M	LENGTH	No.	\$/MTR
		MM		MTR		
50	2"	40	250	10	PUD2	65.25
65	21/2"	55	310	10	PUD25	74.28
75	3"	65	510	10	PUD3	82.62
90	31/2"	75	610	10	PUD35	96.50
100	4"	85	650	10	PUD4	105.52
125	5″	105	850	10	PUD5	124.97
150	6"	125	1040	10	PUD6	138.16
180	7"	150	1450	10	PUD7	161.48
200	8"	165	1650	10	PUD8	188.84
228	9"	185	1900	10	PUD9	214.52
250	10″	210	2150	10	PUD10	230.50
300	12″	250	2650	10	PUD12	277.70
350	14"	300	3050	10	PUD14	347.12



PVC LAYFLAT HOSE

HI FLO - BLUE

Medium duty PVC layflat hose suitable for water discharge and trickle irrigation. Chemical resistant and U.V. stabilised. Temperature -10° C to $+60^{\circ}$ C.



I.D. MM	I.D. INCH	PART No.	W.P. PSI	WEIGHT KG/MTR	COIL LENGTH MTR	LIST \$/MTR
25	1"	LFH25B	75	0.14	100	8.47
32	11/4"	LFH32B	100	0.18	100	11.22
40	1½"	LFH38B	75	0.21	100	9.17
52	2"	LFH50B	65	0.29	100	12.13
65	21/2"	LFH65B	65	0.40	100	15.98
77	3"	LFH75B	65	0.57	100	16.94
103	4"	LFH100B	65	0.75	100	24.70
153	6"	LFH150B	45	1.25	100	46.50
207	8"	LFH200B	45	1.93	100	89.63
257	10"	LFH250B	36	2.70	100	POA
308	12"	LFH300B	30	2.90	100	POA

HI FLO - RED

Heavy duty layflat hose suitable for water discharge for mines and construction, agricultural, public works. Temperature -10° C to $+60^{\circ}$ C.



I.D. MM	I.D. INCH	PART No.	W.P. PSI	WEIGHT KG/MTR	COIL LENGTH	LIST \$/MTR
					MTR	
25	1″	LFH25R	150	0.25	100	15.50
40	11/2"	LFH38R	150	0.33	100	20.04
53	2"	LFH50R	150	0.45	100	25.98
65	21/2"	LFH65R	150	0.58	100	37.58
78	3"	LFH75R	130	0.76	100	41.56
104	4"	LFH100R	130	1.10	100	65.18
153	6"	LFH150R	100	1.80	100	123.62
203	8"	LFH200R	70	3.50	100	137.28

HI FLO - GREEN

Extra heavy duty PVC layflat hose, corrugated cover, suitable for water discharge for heavy duty applications such as construction sites and mine pit dewatering. Temperature -10° C to $+60^{\circ}$ C.



I.D. MM	I.D. INCH	PART No.	W.P. PSI	WEIGHT KG/MTR	COIL LENGTH MTR	LIST \$/MTR
105 *105	4" 4"	LFH100G LFHBK100	200 300	1.8 2.0	100 100	POA POA
157	6"	LFH150G	200	2.8	100	POA
208	8″	LFH200G	150	3.9	100	POA

^{*}NB: size 4" also available in black – extra high pressure rating.



BLUELINE

Medium duty blue PVC layflat hose, suitable for water discharge, trickle and drip irrigation. Chemical resistant and U.V. stabilised. Temperature -10° C to $+60^{\circ}$ C.



I.D. MM	I.D. INCH	PART No.	W.P. PSI	WEIGHT KG/MTR	COIL LENGTH MTR	LIST \$/MTR
25	1″	LFH25BL	65	0.18	100	8.47
40	11/2"	LFH38BL	65	0.24	100	9.17
52	2"	LFH50BL	65	0.36	100	12.13
65	21/2"	LFH65BL	65	0.45	100	15.98
77	3"	LFH75BL	65	0.55	100	16.94
103	4"	LFH100BL	60	0.76	100	24.70
153	6"	LFH150BL	60	1.35	100	46.50
207	8″	LFH200BL	60	1.60	100	89.63

REDLINE

Heavy duty red PVC layflat hose, suitable for water discharge in quarries, construction sites, public works, agriculture. Temperature -10° C to $+60^{\circ}$ C.



I.D. MM	I.D. INCH	PART No.	W.P. WEIGHT PSI KG/MTR		COIL	LIST \$/MTR
					MTR	
25	1″	LFH25RL	150	0.21	100	15.50
40	11/2"	LFH38RL	150	0.30	100	20.04
52	2"	LFH50RL	150	0.45	100	25.98
65	21/2"	LFH65RL	150	0.64	100	37.58
77	3"	LFH75RL	130	0.72	100	41.56
103	4"	LFH100RL	130	1.11	100	65.18
153	6"	LFH150RL	100	1.63	100	123.62
207	8"	LFH200RL	90	2.02	100	137.28

AGFLAT - BLUE

A medium duty blue PVC layflat hose, suitable for water delivery and a favourite for drip and trickle irrigation. Chemical resistant and U.V. stabilised. Temperature -10° C to $+60^{\circ}$ C.



MM	INCH	PART NO.	PSI	KG/MTR	LENGTH MTR	\$/MTR
52	2"	AFLFH50B	60	0.23	100	25.98
77	3″	AFLFH75B	50	0.35	100	41.56
103	4"	AFLFH100B	45	0.53	100	65.18
153	6"	AFLFH150B	30	0.93	100	123.62



A series of hoses approved for use with potable water

Made with care, using only the most carefully selected, latest technology raw materials to offer safe and easy to use hoses for your potable water needs.

Tested successfully to the strict requirements of BS 6920, this series of hoses has been awarded the British WRAS (Water Regulations Advisory Scheme) seal of approval.

Use in projects involving water for human consumption, when you need a flexible solution.



POWAFLEX AQUATECH - BRAIDED PRESSURE HOSE





Tested and approved to the requirements of BS 6920 and AS 2554 B. Available in distinctive turquoise-green colour for ease of identification.

PART	I.D.	I.D. MM	WEIGHT	W.P.	B.P.	COIL LENGTH	LIST
No.	INCH		(g)	BAR	BAR	MTR	\$/MTR
PWHP13	1/2	13	220	20	60	20, 100, 200	9.24
PWHP16	5/8	16	245	20	60	20, 100	11.80
PWHP19	3/4	19	320	20	60	20, 100	13.50
PWHP25	1	25	470	20	60	20, 100	19.80
PWHP32	11⁄4	32	700	20	60	20, 100	30.00
PWHP38	11/2	38	1050	20	60	20, 100	44.50
PWHP51	2	51	1550	20	60	20, 100	65.22



POWAFLEX AQUATECH - SUCTION HOSE





Tested and approved to the requirements of BS 6920. Available in distinctive turquoise-green colour for ease of identification.

PART No.	I.D. INCH	I.D. MM	WEIGHT (g)	W.P. BAR	VACUUM MBAR	COIL LENGTH MTR	LIST \$/MTR
PWHS25	1	25	400	6	900	30, 50	15.84
PWHS32	11⁄4	32	580	6	900	30, 50	23.04
PWHS38	11/2	38	680	5	900	30, 50	26.94
PWHS51	2	51	970	5	900	30, 50	38.40
PWHS63	21/2	63	1405	4.5	800	30, 50	55.62
PWHS76	3	76	1680	4.5	800	30, 50	66.50
PWHS102	4	102	2600	3	800	30, 50	102.96
PWHS127	5	127	3395	3	700	25	POA
PWHS152	6	152	5000	3	700	25	POA
PWHS203	8	203	7560	2.5	700	10	POA

POWAFLEX AQUATECH - LAYFLAT HOSE





Tested and approved to the requirements of BS 6920. Available in distinctive turquoise-green colour for ease of identification.

PART No.	I.D.	I.D. MM	WEIGHT	W.P.	B.P.	COIL LENGTH	LIST
	INCH		(g)	BAR	BAR	MTR	\$/MTR
PWHL25	1	25	250	10	30	100	12.18
PWHL32	11⁄4	32	310	10	30	100	15.00
PWHL38	11/2	38	350	10	30	100	16.08
PWHL51	2	51	460	10	30	100	22.38
PWHL63	21/2	63	600	10	30	100	29.10
PWHL76	3	76	700	10	30	100	36.96
PWHL102	4	102	1050	10	30	100	53.70



POWAFLEX P.U. - PREMIUM QUALITY LAYFLAT MINE PIT DEWATERING HOSE

Manufactured from extremely hardwearing polyurethane, Powaflex P.U. has a very high level of abrasion resistance, as well as being highly resistant to oils, chemicals, and U.V. radiation. The hose is produced by a continuous process in which polyurethane is forced through a circular woven textile, resulting in an excellent level of adhesion between textile and polyurethane. Designed for applications that require a high internal and external abrasion resistance, with high burst pressure and high tensile strength, yet lightweight and flexible for ease of handling. Temperature range: -50° C to $+75^{\circ}$ C.



I.D.	PART	WALL	TENSILE	BURST	WEIGHT	COIL	LIST
INCH	No.	THICKNESS	STRENGTH	PRESSURE	KG/MTR	LENGTH	\$/MTR
		MM	KG	MPa		MTRS	
4	PPU102	3.0	10,100	3.5	1.10	100	POA
6	PPU152	2.8	14,900	3.0	1.45	100	POA
8	PPU203	3.0	18,880	2.6	2.10	100	POA
10	PPU254	3.2	23,680	2.0	2.70	100	POA
12	PPU305	3.3	38,200	1.5	3.30	100	POA

Other sizes available.

Sizes 6" to 12": lengths up to 200mtrs. Standard length ex stock: 100mtrs.

POWAFLEX SUPER P.U. – SUPER HEAVY DUTY LAYFLAT MINE PIT DEWATERING HOSE

Developed for demanding applications and harsh conditions. Manufactured from polyurethane extruded through a circular woven jacket made from high tenacity filament polyester. The Powaflex Super P.U. was designed for applications that require a very strong yet relatively lightweight hose with high tensile strength, high working pressure and high resistance to abrasion. Lengths available up to 200mtrs.



I.D.	I.D.	PART No.	WALL	BURST	WEIGHT	TENSILE	COIL	LIST
INCH	MM		THICKNESS	PRESSURE	KG/MTR	STRENGTH	LENGTH	\$/MTR
			MM	MPa		KG	MTRS	
8	203	PSPU203	4.2	4.2	2.75	37,000	100	POA
10	254	PSPU254	4.3	3.6	4.10	43,000	100	POA
12	305	PSPU305	4.5	2.8	5.0	56,000	100	POA

PUMPOWA - RUBBER LAYFLAT DISCHARGE HOSE

Heavy duty pump discharge hose for water, slurry, etc. Abrasive resistant rubber, U.V. resistant, flexible and strong for tough conditions. Temperature range: -30° C to $+70^{\circ}$ C.



PART No.	I.D. INCH	I.D. MM	WALL THICKNESS MM	WORKING PRESSURE PSI	WEIGHT KG/MTR	LENGTH MTR	LIST \$/MTR
PP38	11/2	38	2.2	200	0.30	67, 100, 200	31.80
PP76	3	76	2.5	200	0.70	20, 30, 100	62.00
PP102	4	102	2.7	150	1.02	20, 100	78.80
PP150	6	152	2.9	150	1.75	20, 100	139.92
PP200	8	203	3.5	150	2.40	20, 100	249.70
PP250	10	253	3.5	135	2.97	20, 100	349.62
PP300	12	305	4.5	100	4.50	20, 50, 100	483.80

PRICES DO NOT INCLUDE GST

POWAFLEX AIRFLAT AIR HOSE

Powaflex Airflat is a lightweight, hardwearing, rugged layflat air hose with high tensile strength. Manufactured from a rubber/PVC blend, U.V. stabilised, extruded through a circular woven jacket made from high tenacity filament polyester yarn.

Temperature range: -30°C to +75°C

Standard lengths: 20mtr, 30mtr, 60mtr and available up to 200mtrs - yellow cover



I.D. INCH	I.D. MM	PART No.	O.D. MM	W.P. PSI	WEIGHT KG/MTR	TENSILE STRENGTH KG	LIST \$/MTR
3/4"	20	PAF20	24.6	300	0.210	1900	24.80
1"	25	PAF25	30.4	300	0.275	2300	31.35
11/2"	38	PAF38	43.0	300	0.390	3500	53.45
2"	51	PAF51	56.8	300	0.650	7900	57.64
21/2"	65	PAF65	70.8	250	0.750	6700	71.39
3"	76	PAF76	82.2	250	0.950	8100	85.00

POWAFLEX ANTISTATICA PETROLEUM LAYFLAT HOSE

Powaflex Antistatica is a petroleum delivery hose manufactured from a blend of nitrile rubber and PVC, U.V. stabilised. The production method achieves excellent adhesion and tensile strength.

Temperature range: -30°C to +75°C

Standard lengths: 20mtr, 30mtr, 60mtr and available up to 200mtrs - black cover, red stripe



I.D. INCH	I.D. MM	PART No.	O.D.MM	W.P. PSI	WEIGHT KG/MTR	TENSILE STRENGTH	LIST \$/MTR
						KG	
3/4"	20	PASPD20	24.6	450	0.210	1900	47.08
1"	25	PASPD25	30.4	450	0.275	2300	51.39
11/2"	38	PASPD38	42.4	265	0.300	2900	65.12
2"	51	PASPD51	55.4	215	0.380	3800	80.34
21/2"	65	PASPD65	69.4	215	0.530	4200	99.44
3"	76	PASPD76	82.2	240	0.950	8100	118.00
4"	102	PASPD102	108.6	180	1.350	10200	151.88
5"	127	PASPD127	133.6	145	1.700	12200	199.05
6"	152	PASPD152	158.0	175	1.700	16100	239.27

FIRE HOSE - CAVALIER

A tough, high pressure, yet easy to handle hose. Light and flexible. Also used by fire brigades. Conforms to AS 2792 – 1992.



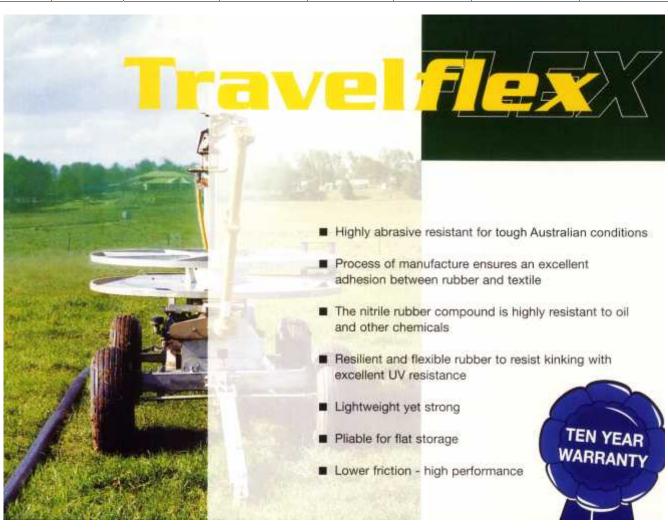
I.D.	PART	W.P.	COIL LENGTH	WEIGHT	LIST
MM	No.	PSI	MTR	KG/MTR	\$/MTR
25	FHC25	220	30	0.11	38.60
38	FHC38	220	30	0.17	39.46
50	FHC50	220	30	0.22	41.17
64	FHC64	220	30	0.31	49.76
76	FHC76	220	30	0.37	54.20
102	FHC102	220	30	0.45	68.74

<u>Please note</u>: the above prices apply to the hose only (nozzle available POA) Lengths available up to 300mtrs – POA.



Premium Quality Irrigation Hose

I.D. INCH	PART No.	WALL THICKNESS	TENSILE STRENGTH KG	BURST PRESSURE MPa	WEIGHT KG/MTR	COIL LENGTHS MTR	LIST \$/MTR
2"	TIH50	2.8	4,700KG	6.5	0.50	200	22.88
2 ½"	TIH65	2.9	6,700KG	5.5	0.70	200	30.20
3"	TIH76	3.0	8,100KG	5.0	0.90	200	38.48
3 ½"	TIH90	3.3	9,100KG	4.0	1.00	200	43.68
4"	TIH102	3.3	10,200KG	3.8	1.35	200	47.80
4 ½"	TIH114	3.3	11,200KG	3.5	1.40	200	55.12
5″	TIH127	3.3	11,200KG	3.0	1.65	200	68.64
6"	TIH150	3.4	15,800KG	3.0	1.90	200	84.24







NS-ISO 9001 SERTIFISERT BEDRIFT





POLYURETHANE IRRIGATION HOSE

Powaflex P.U. long-life travelling irrigation hose is manufactured from black thermoplastic polyurethane, extruded through a polyester weave. The weave is designed to meet the requirements for high tensile strength and to keep the bending radius to a minimum.

The 3.5mm wall thickness on all sizes ensures good wear resistance and long life.

ST

15900

17700

14900

3.5

3.5

3.2

Temperature range: -50°C to + 75°C.

PART No.

PPUB50

PPUB65

PPUB76

PPUB90

PPUB102

PPUB114

PPUB127

PPUB152

I.D. INCH

2"

21/2"

3"

31/2"

4"

41/2"

5"

6"

Standard lengths available up to 300 metres.

WALL

THICKNESS MM

3.5

3.5

3.5

3.5

3.5

3.5

3.5

3.5

001				
ENSILE	BURST	WEIGHT	COIL	LIST
RENGTH	PRESSURE	KG/MTR	LENGTH	\$/MTR
KG	MPa _		MTRS	
5370	7.0	0.60	300	22.88
6530	5.8	0.81	300	30.20
7890	4.8	0.95	300	38.48
9100	4.0	1.10	300	43.68
10100	3.8	1.33	300	47.80

1.45

1.55

1.65

300

300

300

55.12

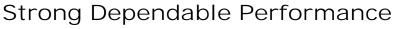
68.64

84.24











WELLMAN BORE HOSE – FLEXIBLE RISING MAIN



Light and flexible polyurethane layflat hose with drinking water approval, designed as a permanent alternative to traditional materials in water wells with electric submersible pumps, manufactured in Norway to exacting standards.

ADVANTAGES

Rapid installation and retrieval of pump

- Lengths available up to 300m (depending on size)
- Joints only needed at pump and headwork
- Easier handling in restricted work areas
- Cost efficient installation and operation

Low maintenance

- No corrosion and no scale build up
- Resistant to hydrocarbons, chemicals, ozone, UV
- Resistance to microbial attack, no clogging
- High abrasion resistance
- Minimised equipment damage risk
- Long lifetime expectancy

Superior hydraulic properties

- Slight diameter swell (up to 15%)
- Reduced friction loss, improved flow rates
- Stainless steel easy to mount couplings

Easy storage, packing and transportation

- · Lightweight, flexible and easy to handle
- Transportation by smaller vehicles
- Less manpower needed
- Easier access to remote locations

Quality control

Mandals hoses are manufactured to the highest standards and quality control procedures and are warranted to be free from defects in workmanship and materials.

International drinking water certification UK: WRAS approval to BS6920

USA: NSF61 listed

Germany: KTW-DVGW approved, W270 approved

Typical applications, permanent or temporary

- Ground water abstraction
- Beach wells in desalination plants
- Dewatering (mines, flooding, etc)
- Environmental monitoring
- Land stabilisation
- · Leachate removal in landfill sites
- Offshore rig fire water etc

A complete system

The complete well riser main system consists of the Wellman hose, with special couplings, a submersible pump and power cables.

AISI 316 Stainless Steel Couplings

The potable water approved Wellman couplings are especially developed by Mandals to ensure easy installation and secure operation in the long term. They can be reused as needed and help ensure that the hose is coupled properly every time.

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INNER DIAMETER	OUTER DIAMETER	WEIGHT PER	LIST
OF HOSE	OF COUPLING	COUPLING	\$/EACH
2"/51mm	106mm	3.60kg	POA
3"/76mm	133mm	6.75kg	POA
4"/102mm	164mm	10.70kg	POA
6"/154mm*	200mm	8.00kg	POA

^{*}The 6" coupling is a different design.

Hose Construction

Mandals Wellman is manufactured using "through the weave" technology, where the thermoplastic polyether based polyurethane (TPU) lining and cover are formed in a single extrusion process to provide a tough composite riser with excellent wear and tear properties.

The textile reinforcement is designed to support the weight of the submersible pump, the column of water, the power cable and the riser itself, with a minimum 2:1 safety factor. Additionally, torque on pump start-up is accommodated without damage to the riser.

The preattached and strong loops allow for easy attachment of the power cables for the submersible pump.

Technical Data Mandals Wellman

	VNER	WALL	WEIGHT*	BUI		MAX. WELL	MAX. CONTINUOUS	LIST
DIA	METER	THICKNESS		PRESSURE		DEPTH	END LOAD**	\$/MTR
INCH	MM	MM	KG/M	PSI	BAR	M	KG	
2	51+2.0	3.1	0.57	870	60	250	1,700	POA
3	76+2.0	3.1	0.91	870	60	250	3,000	POA
4	102+2.5	3.7	1.50	870	60	250	5,500	POA
5	127+2.5	3.7	1.88	870	60	250	7,200	POA
6	152+3.0	4.0	2.30	870	60	250	9,000	POA

To obtain maximum lifetime for the hose, it is recommended that actual working pressure does not exceed 30 bar/435 psi at the submerged pump head.

^{*}Dry hose without any attachments.

^{**}Including weight of water, pump, power cable, coupling, attachments, etc.



POWAFLEX AIR/WATER DELIVERY HOSE - MEDIUM DUTY

Dual purpose air and water delivery hose used in a wide range of applications, industrial, construction,

mining and agricultural. Tube: SBR/NR black

Reinforcement: high tensile textile cords

Cover: SBR/NR black. Abrasion and ozone resistant. Safety factor 3:1.

Temperature range: -35°C to +85°C. Length: 20 metres.



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
RAWD25	1"	25	35	150	0.58	31.82
RAWD32	1 1/4"	32	42	150	0.59	37.73
RAWD38	1 ½"	38	48	150	0.82	40.70
RAWD51	2"	50	61	150	1.20	49.85
RAWD63	2 1/2"	63	75	120	1.40	72.58
RAWD76	3"	76	88	120	2.18	78.08
RAWD102	4"	102	115	120	3.00	148.12
RAWD127	5″	127	142	80	3.80	197.92
RAWD152	6"	152	167	80	4.60	222.15
RAWD203	8"	203	219	80	8.10	369.00
RAWD254	10"	254	272	80	15.20	407.25
RAWD305	12"	305	323	80	20.60	576.20

POWAFLEX HEAVY DUTY WATER SUCTION AND DELIVERY HOSE

Suction and delivery of water and light to medium density slurries.

Tube: SBR/NR black

Reinforcement: high tensile textile cord and steel wire helix

Cover: SBR/NR black. Temperature range: -35°C to +85°C. Safety factor: 3:1.

Length: 20 metres (8", 10" and 12" I.D. = 10 mtr lengths)



PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
	INCH	MM	MM	PSI	KG/MTR	\$/MTR
PRWS25	1"	25	35	150	0.70	45.60
PRWS32	11/4"	32	43	150	0.82	53.70
PRWS38	1 ½"	38	48	150	0.90	56.65
PRWS51	2"	51	63	150	1.20	65.60
PRWS63	2 ½"	63	77	150	1.70	92.58
PRWS76	3"	76	90	150	2.30	107.30
PRWS90	3 ½"	90	104	150	2.90	141.46
PRWS102	4"	102	118	130	3.20	143.48
PRWS127	5″	127	143	90	5.30	254.10
PRWS152	6"	152	170	90	6.20	292.40
PRWS203	8"	203	223	90	10.20	492.34
PRWS254	10"	254	275	90	17.50	543.00
PRWS300	12"	305	328	90	23.10	768.73

POWAFLEX AIRMINER 300 - AIR/WATER DELIVERY HOSE

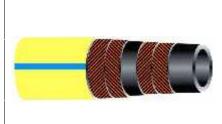
A quality heavy duty air hose for compressed air applications to AS 2554-B.

Tube: black SBR/NBR blend

Reinforcement: high tensile textile cord

Cover: yellow SBR abrasion and ozone resistant

Temperature range: -30°C to +85°C. Length: 20 metres, 40 metres.



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
PAMY19	3/4"	19	29	300	0.55	27.28
PAMY25	1"	25	35	300	0.68	34.48
PAMY32	11/4"	32	44	300	1.07	43.40
PAMY38	11/2"	38	50	300	1.22	58.80
PAMY51	2"	51	65	300	1.63	63.40
PAMY63	21/2"	63	79	300	2.25	78.52
PAMY76	3"	76	92	300	2.70	93.50
PAMY102	4"	102	118	300	3.60	131.76



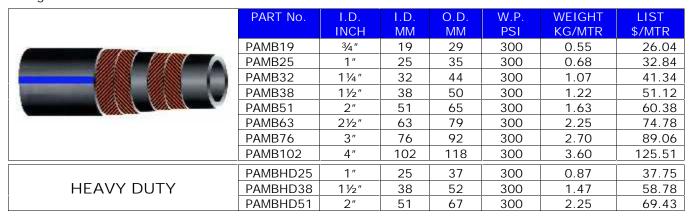
POWAFLEX AIRMINER 300 - AIR/WATER DELIVERY HOSE

A quality heavy duty air hose for compressed air applications to AS 2554-B.

Tube: black SBR/NBR blend

Reinforcement: high tensile textile cord Cover: black SBR abrasion and ozone resistant

Temperature range: -30°C to +85°C Length: 20 metres & 40 metres



POWAFLEX HI-MINER FRAS AIR/WATER DELIVERY HOSE - HEAVY DUTY

A versatile air and water (FRAS) delivery hose used in a wide range of applications. Designed to Australian Standard AS 2660 Class B for underground coal mines, air and water applications.

Tube: black conductive SBR blend Reinforcement: high tensile textile cords Cover: black conductive SBR blend Length: 20 metres & 40 metres



PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
	INCH	MM	MM	PSI	KG/MTR	\$/MTR
FRAWDB13	1/2"	13	23	300	0.33	32.80
FRAWDB19	3/4"	19	31	300	0.54	37.14
FRAWDB25	1″	25	37	300	0.67	46.92
FRAWDB32	11/4"	32	46	300	0.87	59.05
FRAWDB38	11/2"	38	52	300	1.17	73.04
FRAWDB51	2"	51	67	300	1.75	86.24
*FRAWDBEXHD51	2"	51	73	400	2.40	107.80
FRAWDB63	21/2"	63	80	300	2.17	106.80
FRAWDB76	3"	76	93	300	2.60	127.24
FRAWDB102	4"	102	119	300	3.45	179.20
FRAWDB152	6"	152	175	300	6.10	429.60

^{*}Extra heavy duty FRAS air/water delivery hose

POWAFLEX HI-MINER FRAS HEAVY DUTY WATER SUCTION AND DELIVERY HOSE

Suction and delivery of air and water in underground coal mining applications to AS 2660 Class C.

Tube: black conductive SBR blend

Reinforcement: high tensile textile cord and steel wire helix

Cover: black conductive SBR blend Temperature range: -35°C to +85°C

Length: 20 metres

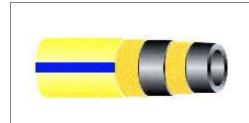


PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
	INCH	MM	MM	PSI	KG/MTR	\$/MTR
HMFRWS51	2"	51	61	150	1.20	86.13
HMFRWS76	3"	76	88	150	2.35	153.19
HMFRWS102	4"	102	116	150	3.15	231.28
HMFRWS152	6"	152	168	150	5.95	411.76
HMFRWS203	8"	203	224	150	6.10	657.60



POWAFLEX STEEL BRAID AIR HOSE

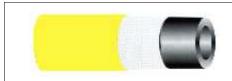
High pressure heavy duty air and water delivery hose for heavy duty applications in mining, quarries, industrial and construction. Tube: SBR/NR black. Reinforcement: high tensile wire braided. Cover: SBR/NR yellow. Temperature range: -35°C to +85°C. Length: 20 metres & 40 metres.



I.D.	I.D.	O.D.	W.P.	PART	WEIGHT	LIST
INCH	MM	MM	PSI	No.	KG/MTR	\$/MTR
1/2"	13	24	650	SAH13	0.50	58.80
3/4"	19	30	650	SAH19	0.74	63.89
1"	25	38	650	SAH25	0.97	73.17
11/2"	38	53	650	SAH38	1.89	119.54
2"	51	66	650	SAH50	2.25	150.76
3"	75	97	650	SAH75	4.65	320.52

POWAFLEX YELLOW PNEUMATIC

Compressed air application – industrial and construction. Temperature range: -10° C to $+70^{\circ}$ C. Length: 20 metres & 100 metres.



I.D.	I.D.	O.D.	W.P.	PART	WEIGHT	LIST
INCH	MM	MM	PSI	No.	KG/MTR	\$/MTR
1/2"	13	21	200	YCA13	0.26	10.05
3/4"	19	29	200	YCA19	0.50	12.40
1"	25	36	200	YCA25	0.65	23.15

CONTRACTORS' AIR HOSE ASSEMBLY

19mm and 25mm ID x 20 metre air hose complete with claw couplings and double bolt claw clamps.

	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	PART NO.	LIST \$/EACH
	3/4	19	29	200	YCA1920F	299.00
V	1	25	36	200	YCA2520F	428.00

POWAFLEX HOT AIR SUCTION AND DELIVERY HOSE

Flexible and kink resistant, designed for conveying hot air from compressors to tanks during the transfer of dry bulk materials. Tube: white EPDM. Reinforcement: high tensile textile cord, steel wire helix. Cover: EPDM blue. Temperature range: -40° C to $+130^{\circ}$ C. Length: 20 metres.

I.D.	I.D.	O.D.	W.P.	PART	WEIGHT	LIST
INCH	MM	MM	PSI	No.	KG/MTR	\$/MTR
3″	76	90	150	HA75	2.54	

POWAFLEX 1200 HI-TEMP STEEL AIR HOSE

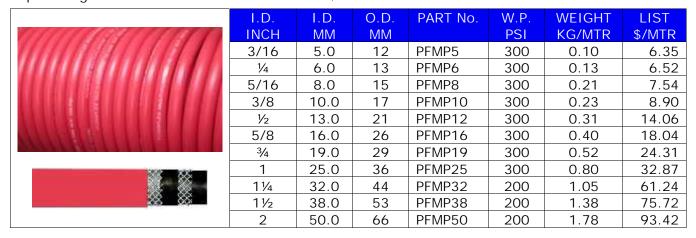
Compressed air hose, blue cover, high temperature, steel cord reinforced. Designed for use in the mining and drilling industry. Tube: black bromobutyl, oil mist and high temperature resistant. Reinforcement: high tensile steel wire cords. Cover: blue EPDM, abrasion and ozone resistant. Temperature range: -35°C to +120°C with peaks of 232°C. Coil lengths: 20, 40, 60 metres. S.F. 3:1.

I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	PART No.	LIST \$/MTR
2"	51	70	1200	PHTSA50	230.00
3"	76	98	1100	PHTSA76	395.00



POWAFLEX RED MULTI-PURPOSE HOSE

A quality multi-purpose hose; will convey fuel, oil, compressed air and water etc. Cover resists weathering, ozone and abrasion. Black tube, red cover, temperature range -30°C to +85°C. Spool lengths: sizes 5mm to 25mm – 200mtrs; 32mm to 50mm – 60mtrs



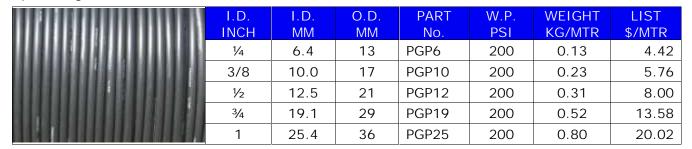
POWAFLEX BLACK MULTI-PURPOSE HOSE

A quality multi-purpose hose; will convey fuel, oil, compressed air and water etc. Cover resists weathering, ozone and abrasion. Black tube, black cover, temperature range -30° C to $+85^{\circ}$ C. Spool lengths: 200mtrs.

	I.D. INCH	I.D. MM	O.D. MM	PART No.	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
-	1/2	13.0	21	PFMPB12	300	0.31	14.06
	3/4	19.0	29	PFMPB19	300	0.52	24.30
	1	25.0	36	PFMPB25	300	0.80	32.87

POWAFLEX BLACK G.P. AIR AND WATER HOSE

A general purpose air/water delivery hose for use in the industrial, mining and agricultural industries. Black EPDM tube and cover. Temperature range -30°C to +90°C. Spool lengths: 200mtrs.



POWAFLEX RUBBER FIREREEL HOSE

Black corrugated cover. Firereel or light duty air and water delivery hose. Temperature range: -30°C to +80°C. Coil lengths: 20, 30 and 100mtrs.



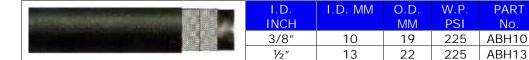
PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	LIST \$/MTR
RFRH13	1/2	13	20	150	8.95
RFRH19	3/4	19	27	150	12.80
RFRHD19	3/4	19	31	150	14.20
RFRH25	1	25	34	150	22.95

PRICES DO NOT INCLUDE GST



POWAFLEX AIR BRAKE HOSE - SAE J1402C

Available up to 152 metre reels.



POWAFLEX FUEL LINE HOSE - SAE 30R7

Available up to 100 metre reels.



I.D.	I.D. MM	O.D. MM	W.P.	PART No.	LIST \$/MTR
INCH			PSI		
5/32"	4	9.3	50	FLH4	8.53
3/16"	5	10	75	FLH5	8.62
1/4"	6	13	50	FLH6	10.98
5/16"	8	14	50	FLH8	11.50
3/8"	10	16	50	FLH10	12.68
1/2"	13	20	50	FLH12	14.28

WEIGHT

KG/MTR

0.27

0.32

LIST

\$/MTR

14.50

16.39

POWAFLEX SAE 100R6 PUSH-ON HOSE

Synthetic oil resistant rubber tube and cover, textile braid reinforcing, for low pressure hydraulic oil return lines.



I.D.	I.D.	O.D.	W.P.	PART No.	REEL	LIST
INCH	MM	MM	PSI		LENGTH	\$/MTR
					MTR	
1/4"	6.4	12.7	400	PFPOH6	152.4	10.40
5/16"	7.9	14.3	400	PFPOH8	152.4	11.86
3/8"	9.5	15.9	400	PFPOH10	152.4	13.31
1/2"	12.7	19.8	400	PFPOH12	152.4	15.00
5/8"	15.9	23.0	350	PFPOH16	100.0	19.72
3/4"	19.1	26.0	300	PFPOH19	100.0	29.04

MARINE EXHAUST HOSE

A lightweight suction and delivery hose incorporating a corrugated cover for extra flexibility. For the conveying of wet exhaust fumes in marine applications.

Tube: black smooth exhaust, gas and seawater resistant Reinforcement: high tensile textile cord and steel wire helix

Cover: black corrugated ozone and oil resistant

Temperature range: -30°C to +100°C

Lloyds approved. Meets or exceeds SAE J2006 R2.



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	COIL LENGTH MTR	LIST \$/MTR
MEX25	1"	25	35	43	0.48	20	78.10
MEX32	11/4"	32	42	43	0.60	20	84.48
MEX38	1½"	38	48	43	0.68	20	88.65
MEX45	13/4"	45	55	43	0.80	20	94.49
MEX51	2"	51	61	43	0.97	20	104.56
MEX57	21/4"	57	67	43	1.08	20	113.22
MEX60	2 3/8"	60	70	43	1.12	20	115.17
MEX63	21/2"	63	73	43	1.18	20	122.21
MEX70	23/4"	70	80	43	1.30	20	130.30
MEX76	3"	76	86	43	1.34	20	133.76
MEX90	31/2"	90	100	43	1.57	20	147.10
MEX102	4"	102	114	43	1.88	20	161.39
MEX114	41/2"	114	127	43	2.25	20	192.26
MEX127	5″	127	141	43	2.35	20	198.67
MEX152	6"	152	166	43	2.95	20	237.85
MEX203	8"	203	221	43	4.50	20	373.72



POWAFLEX FUEL AND OIL DELIVERY HOSE

For the transfer of petroleum based products with up to 40% aromatic content.

Tube: black conductive NBR

Reinforcement: high tensile textile cords and anti-static copper wire

Cover: CR/NBR/PVC blend, abrasion and ozone resistant

Temperature range: -30°C to +90°C

Coil lengths: 20 metres, 40 metres, 60 metres



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
PROD19	3/4"	19	27	150	0.55	45.80
PROD25	1"	25	33	150	0.65	51.82
PROD32	11/4"	32	42	150	0.70	60.70
PROD38	11/2"	38	48	150	0.85	72.60
PROD51	2"	51	61	150	1.10	103.25
PROD76	3"	76	88	150	2.00	155.17
PROD102	4"	102	115	150	3.20	230.87

POWAFLEX FUEL OIL SUCTION AND DELIVERY HOSE

For the transfer of fuel oil suction and delivery with up to 40% aromatic content. Also suitable on hydraulic systems such as hydraulic oil return lines.

Tube: NBR black conductive

Reinforcement: high tensile textile cords, steel wire helix with anti-static copper wire

Cover: CR/NBR/PVC blend, black, abrasion and ozone resistant

Temperature range: -30°C to +90°C

Coil lengths: 20 metres, 40 metres, 60 metres

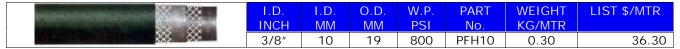


PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
	INCH	MM	MM	PSI	KG/MTR	\$/MTR
PROS19	3/4"	19	29	150	0.70	49.60
PROS22	7/8"	22	30	150	0.72	53.19
PROS25	1″	25	35	150	0.75	55.58
PROS32	11/4"	32	42	150	0.90	56.14
PROS35	1 3/8"	35	46	150	1.10	58.08
PROS38	11/2"	38	49	150	1.20	64.90
PROS42	1 5/8"	42	55	150	1.30	66.80
PROS45	13/4"	45	56	150	1.41	68.10
PROS51	2"	51	62	150	1.50	90.00
PROS55	2 3/16"	55	68	150	1.89	90.75
PROS60	2 3/8"	60	73	150	2.00	91.96
PROS63	21/2"	63	76	150	2.10	93.37
PROS76	3"	76	89	150	2.70	106.12
PROS90	31/2"	90	105	150	3.10	132.60
PROS102	4"	102	116	150	3.70	143.22



PAINT FLUID HOSE

Nylon tube. Synthetic ply reinforcement. Synthetic black rubber cover.



FARM TANK DRUM PUMP

Designed for dispensing gasolines, kerosene and oil from farm or barrel-type pumps on agricultural,

industrial and construction sites.

Tube: NBR

Reinforcement: polyester yarn with static wire

Cover: NBR/PVC

High oil resistance. Lengths up to 213 metre spools.



I.D.	I.D.	O.D.	W.P.	PART No.	WEIGHT	LIST \$/MTR
INCH	MM	MM	PSI		KG/MTR	
1"	25	35	75	RDPH25	0.65	40.15

POWAFLEX RADIATOR HOSE - STRAIGHT LENGTH

Widely used on vehicles in heavy haulage. Tube: special formulation of SBR black Reinforcement: high tensile textile cords Cover: special formulation of SBR black Temperature range: -40°C to +90°C



I.D.	I.D.	O.D.	PART No.	W.P.	LENGTH	LIST
INCH	MM	MM		PSI	MM	\$/EACH
3/4"	19	29	PSLR19	75	915	28.75
7/8"	22	32	PSLR22	75	915	35.75
1"	25	35	PSLR25	75	915	37.62
1 1/8"	28	38	PSLR28	75	915	41.23
11/4"	32	44	PSLR32	75	915	44.55
1 3/8"	35	48	PSLR35	75	915	45.87
11/2"	38	51	PSLR38	75	915	50.31
1 9/16"	40	53	PSLR40	75	915	52.92
13/4"	45	57	PSLR45	75	915	55.15
1 7/8"	48	60	PSLR48	75	915	60.06
2"	51	63	PSLR51	75	915	61.80
2 3/16"	55	65	PSLR55	75	915	65.45
21/4"	57	69	PSLR57	75	915	68.99
2 3/8"	60	72	PSLR60	75	915	73.37
21/2"	63	75	PSLR63	75	915	74.36
2 9/16"	65	76	PSLR65	75	915	80.23
23/4"	70	82	PSLR70	75	915	82.98
3"	76	88	PSLR76	75	915	87.69

POWAFLEX CAR HEATER HOSE

Standard black car heater hose for cars and light trucks. EPDM Tube and cover, high strength. Reinforcement meets SAE 20R3. 15.2mtr (50ft) cardboard carton. Also available on wooden spools (50 metre lengths).



I.D. INCH	I.D. MM	O.D. MM	PART No.	W.P. PSI	LIST \$/MTR
1/2"	13	20	ACH13	60	9.88
5/8″	16	24	ACH16	60	11.03
3/4"	19	27	ACH19	60	11.62

SILICONE RADIATOR HOSE - STRAIGHT LENGTH

Designed for high temperature applications. 70 series 4 ply reinforced construction meets and exceeds all performance and physical characteristics of SAEJ20 RI. Temperature range: -54° C to $+177^{\circ}$ C. Length: 1 metre.

	I.D. INCH	I.D. MM	O.D. MM	PART No.	W.P. PSI	LIST \$/MTR
	3/8"	10	19.1	SSLR10	100	121.20
	1/2"	12	22.1	SSLR12	100	134.22
	5/8"	16	25.2	SSLR16	95	138.55
	3/4"	19	28.5	SSLR19	95	146.12
	7/8"	22	31.8	SSLR22	95	158.03
	1"	25	34.8	SSLR25	95	160.19
	1 1/16"	27	36.4	SSLR27	95	169.94
	11/4"	32	41.2	SSLR32	90	182.93
	1 3/8"	35	44.5	SSLR35	90	197.00
BESS	11/2"	38	47.5	SSLR38	80	204.58
	1 5/8"	41	50.1	SSLR41	80	226.23
	13/4"	44	53.9	SSLR44	75	245.70
	1 7/8"	47	57.2	SSLR47	70	251.12
	2"	51	60.2	SSLR51	70	257.60
	21/4"	57	66.7	SSLR57	60	280.35
	2 3/8"	60	69.9	SSLR60	60	294.42
	21/2"	63	72.9	SSLR63	50	304.15
A	2 5/8"	67	76.0	SSLR67	50	313.90
	23/4"	70	79.3	SSLR70	50	325.80
	2 7/8"	73	82.5	SSLR73	35	338.79
	3"	76	85.6	SSLR76	35	350.70
	31/4"	82	92.0	SSLR82	35	406.98
	31/2"	88	98.0	SSLR88	35	445.95
	4"	102	111.0	SSLR102	20	475.19
	4½"	114	124.0	SSLR114	-	555.27
	5″	127	136.4	SSLR127	-	699.23
	6"	152	162.0	SSLR152	-	747.93



SILICONE HEATER HOSE

Designed for high temperature applications, $+177^{\circ}$ C. SAEJ20 R3. Lengths up to 30 metres.



SILICONE TURBO CHARGER HOSE ALSO AVAILABLE - POA

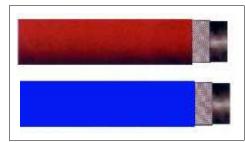


POWAFLEX WELDING HOSE - SINGLE LINE

Used with welding and cutting equipment in workshops, construction sites, etc.

Oxygen/acetylene welding AS 1335.

Blue – oxygen/red - acetylene Temperature range: -30°C to 85°C



PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
	INCH	MM	MM	PSI	KG/MTR	\$/MTR
SLWHR5	3/16"	5	12	300	0.15	5.63
SLWHB5	3/16"	5	12	300	0.15	5.63
SLWHR6	1/4"	6	13	300	0.16	6.75
SLWHB6	1/4"	6	13	300	0.16	6.75
SLWHR10	3/8"	10	16	300	0.21	9.46
SLWHB10	3/8"	10	16	300	0.21	9.46

POWAFLEX WELDING HOSE - TWIN LINE

Blue – oxygen/red – acetylene AS 1335 Temperature range: -30°C to +85°C



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
No.	INCH	MM	MM	PSI	KG/MTR	\$/MTR
TLW5	3/16"	5	12	300	0.30	8.10

POWAFLEX TWINWELD ASSEMBLIES

5mm oxy-acetylene hose fitted with reusable brass fittings, AS 1335. (Swaged fittings also available.)



PART No.	I.D. INCH	ASSEMBLY LENGTH MTR	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	\$/ASSEMBLY
TLWA5	3/16"	5.0	5	12	300	0.32	80.00
TLWA10	3/16"	10.0	5	12	300	0.32	122.20
TLWA15	3/16"	15.0	5	12	300	0.32	170.85

POWAFLEX LPG - SINGLE LINE

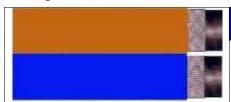
Orange - AS 1869.C



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
No.	INCH	MM	MM	PSI	KG/MTR	\$/MTR
LPGS5	3/16"	5	12	377	0.14	9.92
LPGS6	1/4"	6	14	377	0.15	10.91
LPGS10	3/8"	10	19	377	0.20	19.60

POWAFLEX LPG - TWIN LINE

Orange/blue - AS 1869.C



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
No.	INCH	MM	MM	PSI	KG/MTR	\$/MTR
LPGT5	3/16"	5	12	377	0.28	15.49



POWAFLEX DAIRYWASH HOSE

Medium duty rubber washdown hose for use in dairies, abattoirs, etc. White EPDM tube and cover*, synthetic fabric reinforcing. Temperature range -40°C to +90°C. Blue ink brand.

POWER CEXTRARGERS IN WASTA EXCHA	I.D. INCH	I.D. MM	O.D. MM	PART No.		WEIGHT KG/MTR		LIST \$/MTR
	3/4"	19.1	32	PFDW19	200	0.74	100	27.22

^{*}Also available with red cover

POWAFI FX HOT WASHDOWN HOSE

Designed for washdown in dairies, abattoirs and food processing plants.

Tube: white heat resistant SBR

Reinforcement: high tensile synthetic cord

Cover: red or white SBR abrasion resistant and compounded to resist animal and vegetable oils

and fats

Temperature range: -40°C to +100°C

Length: 20 metres, 40 metres and 60 metres

RED COVER

PART No.	I.D. INCH	I.D. MM	O.D. MM		BURST PRESSURE	WEIGHT KG/MTR	LIST \$/MTR
PFHWR19	3/4"	19	32	150	450	0.60	54.69

WHITE COVER

PART No.	I.D.	I.D.	O.D.	W.P.	BURST	WEIGHT	LIST
	INCH	MM	MM	PSI	PRESSURE	KG/MTR	\$/MTR
PFHWW19	3/4"	19	32	150	450	0.60	54.69

POWAFLEX STANDARD STEAM HOSE

For food and dairy industry and general industrial applications, steam and hot water delivery.

Tube: white EPDM

Reinforcement: high tensile textile cords

Cover: white EPDM – heat, abrasion and ozone resistant

Temperature range: -40°C to +165°C

Length: 20 metres



POWAFLEX STEEL REINFORCED STEAM HOSE

Saturated steam service for use in shipyards, refineries and industrial applications.

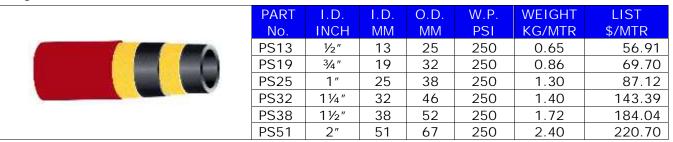
Tube: EPDM black

Reinforcement: high tensile steel braid

Cover: EPDM red heat, abrasion and ozone resistant - pin pricked

Temperature range: -30°C to +165°C

Length: 20 metres



PRICES DO NOT INCLUDE GST



POWAFLEX BREWERS DELIVERY HOSE

A premium quality delivery hose for the transfer of beer, wine and liquid food products.

Conforms to FDA standards.

Tube: white smooth food quality – FDA approved

Reinforcement: high tensile textile cord

Cover: red smooth wrapped finish, abrasion resistant

Temperature range: -30°C to +70°C



PART No.	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
TAILT NO.	INCH	MM	MM	PSI	KG/MTR	\$/MTR
PBDH25	1"	25	39	150	0.80	45.82
PBDH38	11/2"	38	54	150	1.20	61.47
PBDH51	2"	51	68	150	1.75	81.53
PBDH76	3"	76	93	150	2.80	122.93
PBDH102	4"	102	120	150	3.80	156.80
PBDH51H	2"	51	71	150	2.60	89.10
PBDH76H	3"	76	100	150	4.50	135.40

POWAFLEX BREWERS SUCTION AND DELIVERY HOSE

A premium quality suction and delivery hose for the transfer of alcoholic and non-alcoholic beverages and liquid food products – conforms to FDA standards.

Tube: white smooth food quality – FDA approved Reinforcement: high tensile textile cord with helix

Cover: synthetic rubber blends, red, abrasion and ozone resistant

Temperature range: - 30°C to +70°C



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
No.	INCH	MM	MM	PSI	KG/MTR	\$/MTR
PBSH25	1"	25	38	150	0.95	50.82
PBSH38	11/2"	38	52	150	1.30	70.25
PBSH51	2"	51	65	150	1.95	85.93
PBSH76	3"	76	93	150	3.10	121.83
PBSH102	4"	102	120	150	4.05	174.98

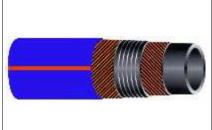
POWAFLEX CHEMICAL SUCTION AND DELIVERY HOSE

Suitable for the transfer of many chemicals in suction or delivery applications.

Tube: UHMWPE (ultra high molecular weight polyethylene) Reinforcement: high tensile textile cords with steel wire helix

Cover: EPDM – blue

Temperature range: -40°C to +80°C



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
PUHPE19	3/4	19	31	225	0.58	91.34
PUHPE25	1	25	37	225	0.72	110.77
PUHPE32	11⁄4	32	44	225	0.90	133.98
PUHPE38	11/2	38	50	225	1.03	152.07
PUHPE51	2	51	63	225	1.40	194.76
PUHPE63	21/2	63	75	225	1.90	267.96
PUHPE76	3	76	91	225	2.90	357.78



POWAFLEX SANDBLAST HOSE

Premium quality sandblast hose, highly abrasive resistant for longer service in heavy duty applications.

Tube: black smooth static conducting, abrasion resistant

Reinforcement: high tensile textile cords

Cover: black static conducting, abrasion and ozone resistant

Temperature range: -35°C to +85°C. Coil lengths: 20, 40 & 60 metres.



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
No.	INCH	MM	MM	PSI	KG/MTR	\$/MTR
PSBH12	1/2	13	27	150	0.82	48.20
PSBH19	3/4	19	38	150	1.10	57.30
PSBH25	1	25	47	150	1.45	74.23
PSBH32	11/4	32	54	150	1.70	87.70
PSBH38	11/2	38	60	150	2.35	117.65
PSBH51	2	51	76	150	2.70	132.30

LIGHT WALL SANDBLAST

PSBHL25	1	25	40	150	1.00	68.45
PSBHL32	11/4	32	48	150	1.15	62.10

POWAVAC PU

Heavy duty suction and delivery hose. Especially developed for material handling applications requiring a high abrasive resistance, yet lightweight and flexible with a smooth, high molecular weight red PU inner tube.

Tube: polyurethane Reinforcement: PVC helix Cover: rubber/PVC blend

B.P.: 3:1. Temperature range: -10° C to $+60^{\circ}$ C.

	I.D. MM	PART No.	WEIGHT KG/MTR	W.P. PSI	VACUUM MBAR	BENDING RADIUS MM	COIL LENGTH MTR	LIST \$/MTR
8	38	PVACPU38	0.560	100	920	120	30	65.82
3	51	PVACPU51	0.800	75	920	145	30	71.60
	63	PVACPU63	1.150	70	910	175	30	72.20
	76	PVACPU76	1.560	60	910	215	30	92.80
	90	PVACPU90	1.860	55	900	265	30	167.20
	102	PVACPU102	2.500	50	900	315	30	155.00
	127	PVACPU127	3.570	45	890	420	30	169.80
	152	PVACPU152	4.730	40	880	530	30	195.90
9	203	PVACPU203	8.530	30	870	790	10	668.85

POWAFLEX CONTRACTORS FLEXIBLE WATER SUCTION HOSE

Convoluted cover for improved flexibility. Suction and delivery of water and light to medium density slurries.

Tube: SBR/NR black

Reinforcement: high tensile textile cord and steel wire helix

Cover: SBR/NR black

Temperature range: -35°C to +80°C



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	B.P. PSI	LENGTH MTR	LIST \$/MTR
PCWS76	3	76	87	50	150	6	102.40
PCWS102	4	102	116	50	150	6	137.06
PCWS152	6	152	166	50	150	3	279.10
PCWS203	8	203	224	50	150	3	469.95
PCWS102	4	102	116	50	150	20	137.06
PCWS152	6	152	166	50	150	20	279.10
PCWS203	8	203	224	50	150	20	469.95

PRICES DO NOT INCLUDE GST



POWAFLEX BULK MATERIAL DELIVERY HOSE

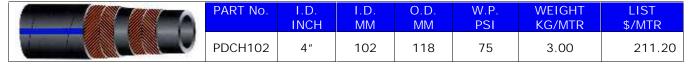
For conveying of bulk materials, cement, sand and other abrasive materials.

Tube: NR/CBR black conductive abrasion resistant

Reinforcement: high tensile textile cord

Cover: SBR/NR black conductive abrasion and ozone resistant

Temperature range: -35°C to +85°C



POWAFLEX MUFF COUPLING HOSE

Heavy duty mining hose, suction and delivery, with superior resistance to abrasive slurries, used in conjunction with muff couplings.

Tube: black conductive NR

Reinforcement: high tensile textile cord and steel wire helix

Cover: black conductive SBR/NR blend, abrasion and ozone resistant

Temperature range: -30°C to +70°C



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
PMCH76	3"	76	102	100	4.80	135.80
PMCH102	4"	102	128	100	6.30	203.20
PMCH127	5"	127	159	100	9.50	287.80
PMCH152	6"	152	184	100	11.50	330.00
PMCH203	8"	203	235	100	16.00	460.00
PMCH254	10″	254	286	100	22.00	595.00
PMCH300	12"	300	344	100	35.20	814.90

POWAFLEX 40 CONCRETE DELIVERY HOSE

Designed for the delivery and placement of concrete and plaster – superior wear resistant tube and cover compound for longer life.

Tube: abrasion resistant, conductive natural rubber. Reinforcement: high tensile textile cord.

Cover: black abrasion, ozone and weather resistant

Temperature range: -35°C to +70°C. Coil lengths: 20 & 40 metres. SF: 3:1. Also available in lengths as nominated complete with swaged ends.



PART No.	I.D.	I.D.	O.D.	W.P.	W.P.	WEIGHT	LIST
	INCH	MM	MM	BAR	PSI	KG/MTR	\$/MTR
PCDH51	2"	51	71	40	580	2.00	126.85
PCDH63	21/2"	63	87	40	580	3.80	231.88
PCDH76	3"	76	106	40	580	4.50	259.16
PCDH90	31/2"	90	118	40	580	5.20	291.06
PCDH102	4"	102	130	40	580	5.80	322.45

POWAFLEX 85 CONCRETE PUMPING HOSE

Designed for heavy duty, high pressure, longer lasting concrete placement.

Tube: abrasion resistant, conductive natural and CBR rubber. Reinforcement: high tensile steel cords.

Cover: black abrasion, ozone and weather resistant

Temperature range: -35° C to $+70^{\circ}$ C. Coil lengths: 20 & 40 metres. SF: 2:1. Also available in lengths as nominated complete with swaged ends.



PART No.	I.D.	I.D.	O.D.	W.P.	W.P.	WEIGHT	LIST
	INCH	MM	MM	BAR	PSI	KG/MTR	\$/MTR
P85CP51	2"	51	70	85	1230	3.4	167.20
P85CP63	21/2"	63	88	85	1230	4.9	263.00
P85CP76	3"	76	102	85	1230	6.5	336.50
P85CP90	31/2"	90	118	85	1230	8.0	397.20
P85CP102	4"	102	130	85	1230	9.4	423.60
P85CP127	5″	127	155	85	1230	10.9	598.75
P85CP152	6"	152	184	85	1230	13.5	885.50

POWAFLEX

PU CONCRETE PLACEMENT HOSE FOR DROP HOSE APPLICATIONS



Easy to handle yet sturdy cement discharge hose.

POWAFLEX PU/CPH

The development of this hose was initiated to answer a need in the North American market for an easy to handle concrete placement hose. The hose is an ideal answer for ICF forms as well as tall walls and columns where space is minimal. The lay flat design allows better flow control and lower placement rates when necessary. The hose conforms with or exceeds strict safety regulations such as the North American CPMA 27-2000.



Powaflex PU/CPH is made from extruded thermoplastic polyether based polyurethane (TPU) with excellent wear and tear characteristics. The circular woven reinforcement is made from an extra strong yarn. The "extrusion through the weave" production method gives a very strong bond between cover and lining and encapsulates the woven reinforcement. The heavily reinforced weave ensures minimum extension in length and minimum "snaking" or bending of the hose.

Benefits

- Meets/exceeds CPMA requirements
- 1/3 the weight
- Operator friendly
- More consistent flow at lower placement rates
- Ease of pour in tight areas
- Bright colour for visibility and safety
- · Superior resistance to weather and ageing
- Cleans up easily



	I.D.	PART NO. WALL THICKNESS \ \		WEIGHT	W.P.		B.P.		LICT & MITD
INCH	MM	PART NO.	MM	KG/M	PSI	BAR	PSI	BAR	LIST \$/MTR
4	111.0+2.0	PPUCPH4	4.2	1.75	1250	86	2500	172	POA

Swaged victaulic one end only. Nominate overall length of hose required for quotation.



POWAFLEX MINERAL RECOVERY HOSE

For mineral recovery in drilling equipment (mineral sampling).

Tube: black conductive NR – abrasion resistant

Reinforcement: high tensile textile cords with embedded steel helix wires Cover: black conductive SBR/NR blend – abrasion and ozone resistant

Temperature range: -35°C to +85°C

Lengths: 20, 40, 60 metres



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
PMRH63	21/2"	63	91	525	4.3	215.16
PMRH76	3"	76	106	525	5.5	242.00
PMRH102	4"	102	134	525	7.0	298.60

POWAFLEX FRAS CABLE PROTECTION HOSE

For use in underground coal mines as additional cable protection. Can also be used as a light duty air and water delivery hose.

Tube: black conductive SBR/NR blend Reinforcement: high tensile textile cords

Cover: black conductive SBR, abrasion, ozone and fire resistant Temperature range: -35°C to +85°C. Lengths: 20, 40, 60 metres.

AS 1802, AS 2660.



PART	I.D.	I.D.	O.D.	W.P.	WEIGHT	LIST
No.	INCH	MM	MM	PSI	KG/M	\$/MTR
FRCP13	1/2"	13	21	75	0.26	38.39
FRCP16	5/8″	16	24	75	0.30	44.55
FRCP19	3/4"	19	29	75	0.44	45.10
FRCP25	1"	25	35	75	0.54	46.20
FRCP32	11/4"	32	42	75	0.67	51.15
FRCP38	11/2"	38	48	75	0.77	60.06
FRCP45	13/4"	45	55	75	0.90	69.47
FRCP51	2"	51	61	75	1.01	75.02

POWAFLEX FRAS STONE DUSTING HOSE

For stone dusting application in underground coal mines. Can also be used as an air and water delivery hose.

Tube: black conductive SBR/NR blend – abrasion resistant

Reinforcement: high tensile textile cords

Cover: black conductive SBR abrasion, ozone and fire resistant Temperature range: -35°C to +85°C. Lengths: 20, 40, 60 metres.

AS 2660 Class C.



PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/M	LIST \$/MTR
FRSD32	11/4"	32	46	100	0.95	62.15
FRSD38	11/2"	38	52	100	1.20	88.99
FRSD51	2"	51	65	100	1.50	112.30



MATERIAL HANDLING HOSE - SWAGED ENDS

Heavy duty mining hose, suction and delivery, superior resistance to abrasive slurries.

Tube: black conductive NR

Reinforcement: high tensile textile cord and steel wire helix

Cover: black conductive SBR/NR blend, abrasion and ozone resistant

Temperature range: -30°C to +70°C







PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	WEIGHT KG/MTR	LIST \$/MTR
PMHH76	3	76	102	150	4.80	POA
PMHH102	4	102	128	150	6.30	POA
PMHH127	5	127	159	150	9.50	POA
PMHH152	6	152	184	150	11.50	POA
PMHH203	8	203	235	150	16.00	POA
PMHH254	10	254	286	150	22.00	POA
PMHH300	12	305	344	150	35.20	POA

AIP can offer this hose fitted or unfitted. For the best fitting retention under pressure or suction, we recommend swaged ends, which can include any of the following:

Fixed flange to Table D, E or ANSI 150	BSP/T threaded ends	
Swivel flange to Table D, E or ANSI 150	Victaulic groove	

Other swaged ends available on request.



AIP can normally deliver this hose complete with swaged ends within 1-3 days (no need for you to wait for 4-6 weeks for a hand built hose with integral flanges built in). AIP carry stocks up to 12" ID (305mm); just nominate the length of hose and couplings you require.



PUMP HOSE & COMPRESSOR HOSE ASSEMBLIES

POWAFLEX CONTRACTORS SUCTION PUMP HOSE ASSEMBLY

A quality, flexible rubber water suction hose assembly, complete with male and female Bauer couplings with lever closure ring and Band-It preformed clamps, fitted.

PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	B.P. PSI	ASSEMBLY LENGTH MTR	LIST \$/EACH
PCWS766F	3	76	87	50	150	6	POA
PCWS1026F	4	102	116	50	150	6	POA
PCWS1523F	6	152	166	50	150	3	POA
PCWS2033F	8	203	224	50	150	3	POA

Sizes 10" and 12" also available - POA.

PUMPOWA RUBBER LAYFLAT PUMP HOSE ASSEMBLY

A quality rubber layflat discharge hose assembly, complete with male and female Bauer couplings with lever closure ring and Band-It preformed clamps, fitted.

	PART No.	I.D INCH	I.D. MM	WALL THICKNESS MM	W.P. PSI	ASSEMBLY LENGTH MTR	LIST \$/EACH
	PP7625F	3	76	2.5	150	25	POA
()	PP10220F	4	102	2.7	150	20	POA
	PP15220F	6	152	2.9	150	20	POA
	PP20320F	8	203	3.5	150	20	POA

Sizes 10" and 12" also available - POA.

POWAFLEX AIRFLAT COMPRESSED AIR HOSE ASSEMBLY

Powaflex Airflat, lightweight, hardwearing rubber layflat air hose with high tensile strength. UV stabilised. Complete with claw couplings and double bolt claw clamps. 20 metre assemblies.

PART No.	I.D. INCH	I.D. MM	O.D. MM	W.P. PSI	LIST \$/EACH
PAF2020F	3/4	20	24.6	300	480.00
PAF2520F	1	25	30.4	300	520.00

Sizes available up to 3" in variable lengths – POA.



RUBBER EXPANSION JOINTS

Flexible expansion joints – single sphere neoprene rubber joint. Floating flanges, zinc plated mild steel to B.S. Table 'E' drilling.

PART No.	RT No. NOMINAL DIAMETER		INSTALLED LENGTH MM		TRAVEL MM	ALLOW	/ABLE N	MOVEMENTS F	ROM NEUTRAL	PRESS	JRES	WEIGHTS (KG)	LIST \$/EACH
	INCH	MM	NATURAL LENGTH	MINIMUM MAXIMUM INSTALLED	TOTAL COMPRESSED EXTENDED	AXIAL COMP.	AXIAL EXT.	LATERAL DEFLECTION	ANGULAR DEFLECTION	POSITIVE PSIG AT 80°C	VACUUM MM	JOINT & FLANGES	
PFEXJ32	11/4"	32	95	89 – 97	87 – 99	8	4	8	15°	225	660	2.10	91.00
PFEXJ40	1½"	40	95	89 – 97	87 – 99	8	4	8	15°	225	660	2.45	93.75
PFEXJ50	2"	50	105	99 – 107	99 – 110	8	5	8	15°	225	660	3.86	99.83
PFEXJ65	21/2"	65	115	107 – 118	103 – 121	12	6	10	15°	225	660	5.60	133.95
PFEXJ80	3″	80	130	122 – 133	118 – 133	12	6	10	15°	225	660	6.40	156.70
PFEXJ100	4"	100	135	122 – 140	117 – 145	18	10	12	15°	225	660	7.80	184.53
PFEXJ125	5″	125	170	156 – 175	152 – 180	18	10	12	15°	225	660	10.70	245.20
PFEXJ150	6"	150	180	167 – 185	162 – 190	18	10	12	15°	225	660	13.20	356.35
PFEXJ200	8″	200	205	186 – 212	180 – 220	25	14	22	15°	226	660	18.80	480.37
PFEXJ250	10"	250	240	221 – 247	215 – 254	25	14	22	15°	225	660	26.60	705.43
PFEXJ300	12"	300	260	241 – 267	235 – 274	25	14	22	15°	225	660	37.70	1039.40
PFEXJ350	14"	350	265	246 – 273	240 – 281	25	14	22	15°	150	660	54.50	1659.64
PFEXJ400	16"	400	265	246 – 273	240 – 281	25	14	22	15°	125	660	76.40	2181.63
PFEXJ450	18″	450	265	246 – 273	240 – 281	25	14	22	15°	125	660	77.30	3017.75
PFEXJ500	20"	500	265	246 – 273	240 – 281	25	14	22	15°	125	660	79.50	4174.50
PFEXJ600	24"	600	265	246 - 273	240 - 281	25	14	22	15°	125	660	116	5820.00

Please note: for rubber requirements other than neoprene as stated above POA. Stainless steel expansion joints also available POA.







SERIES DIN 1SN 1 WIRE NON SKIVE

Medium pressure wire braided hydraulic hose.

Tube: black oil resistant synthetic rubber

Reinforcement: one wire braid

Cover: black oil resistant synthetic rubber Temperature range: -40°C to +100°C



PART No.		INAL RE ETER	O.D		KING SURE	BURST PRESSURE		MININ BEN RADI	ID	WEIGHT KG/ MTR	LIST \$/ MTR
	INCH	MM	MM	PSI	BAR	PSI	BAR	INCH	MM		
1SN4	1/4"	6.4	13.2	3260	225	13050	900	4.0	100	0.22	14.37
1SN6	3/8"	9.5	17.2	2610	180	10440	720	5.0	130	0.34	18.24
1SN8	1/2"	12.7	20.4	2320	160	9280	640	7.0	180	0.42	20.27
1SN10	5/8"	16.0	23.5	1885	130	7540	520	8.0	200	0.48	24.30
1SN12	3/4"	19.0	27.5	1520	105	6090	420	9.5	240	0.59	30.27
1SN16	1"	25.4	35.4	1275	88	5075	350	12.0	300	0.89	61.60

SERIES DIN 2SN 2 WIRE NON SKIVE

Wire braided hydraulic hose.

Tube: black oil resistant synthetic rubber

Reinforcement: two wire braid

Cover: black oil resistant synthetic rubber Temperature range: -40°C to +100°C



PART No.			O.D.	WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT KG/ MTR	LIST \$/ MTR
	INCH	MM	MM	PSI	BAR	PSI	BAR	INCH	MM		
2SN4	1/4"	6.4	15.0	5800	400	23200	1600	4.0	100	0.38	21.27
2SN6	3/8"	9.5	18.9	4785	330	19140	1320	5.0	130	0.55	23.80
2SN8	1/2"	12.7	22.2	3985	275	15950	1100	7.0	180	0.65	26.60
2SN10	5/8"	16.0	25.2	3625	250	14500	1000	8.0	200	0.76	31.63
2SN12	3/4"	19.0	29.2	3115	215	12325	850	9.5	240	0.94	37.18
2SN16	1″	25.4	37.2	2390	165	9425	650	12.0	300	1.32	55.33

SPIRAL SAFETY GUARD

Protective wrapping, designed for heavy duty bundling and protection, featuring rounded edges for safe and easy installation. Produced from molecular weight extrusion grade polythene. Available in black, yellow, blue and red, pre-packed in cardboard cartons.





STANDARD SPIRAL GUARD

PART No.	I.D. MM	O.D. MM	ROLL SIZE (METRE)	LIST \$/MTR
R12SSG	9.5	12.5	50	5.42
R16SSG	12.5	16.0	20, 50	5.42
R20SSG	16.0	20.0	20, 50	8.13
R25SSG	21.0	25.0	20, 50	10.84
R32SSG	27.0	32.0	20, 50	13.15
R40SSG	34.0	40.0	20, 50	17.65
R50SSG	44.0	50.0	20, 50	20.77
R63SSG	55.0	63.0	20	30.28
R75SSG	66.0	75.0	20, 12	53.77
R90SSG	79.0	90.0	20, 12	67.74
R110SSG	99.0	110.0	12	83.97

FRAS SPIRAL GUARD

Flame-resistant anti-static protective wrap to AS 2660 and AS 1180.10B.

PART No.	I.D. MM	O.D. MM	ROLL SIZE (METRE)	LIST \$/MTR
SSGFRAS12	9.5	12.5	20	11.62
SSGFRAS16	12.5	16.0	20	13.17
SSGFRAS20	16.0	20.0	20	20.13
SSGFRAS25	21.0	25.0	20	36.00
SSGFRAS32	27.0	32.0	20	42.98
SSGFRAS50	44.0	50.0	20	75.89
SSGFRAS63	55.0	63.0	20	85.18
SSGFRAS75	66.0	75.0	10	139.39
SSGFRAS90	79.0	90.0	10	216.04
SSGFRAS110	99.0	110.0	10	251.68

COMPOSITE HOSE - (CODE HOSE) AS 2683





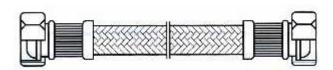
Lightweight and flexible, designed for suction and delivery of petroleum-based products and chemicals. Polypropylene film and fabric construction with internal and external wire helix for pressure handling characteristics; tough PVC coated fabric cover.

Available complete with fittings such as camlocks, flanges, nipples, etc. Tested and tagged.

Size range 25mm to 150mm in lengths as required.

STAINLESS STEEL HOSE





CORRUGATED STAINLESS STEEL HOSE

Available in sizes from 6mm to 300mm I.D. with a large range of end fittings which include:

- Male hex nipple (MS or S/S)
- Female swivel (MS or S/S)
- Flange fixed (MS or S/S)
- Flange floating (MS or S/S)

STAINLESS STEEL TEFLON OR EPDM LINED

Available in sizes from 8mm to 50mm with either swaged or crimped ends.

SHEET RUBBER PRODUCTS

INSERTION – NATURAL

Rubber sheet black commercial grade, 60° – 65° shore hardness.

PART No.	THICKNESS MM	PLY	WIDTH MM	ROLL LENGTH MTR	LIST \$/MTR
NIR15	1.5	1	1200	10	36.25
NIR30	3.0	1	1200	10	43.04
NIR45	4.5	2	1200	10	72.30
NIR60	6.0	2	1200	10	86.95
NIR100	10.0	2	1200	5	130.10
NIR1001500	10.0	2	1500	10	165.00

INSERTION - NEOPRENE

Rubber sheet black commercial grade, 60° - 65° shore hardness.

-	PART No.	THICKNESS MM	PLY	WIDTH MM	ROLL LENGTH MTR	LIST \$/MTR
	NEOIR15	1.5	1	1200	10	80.20
	NEOIR30	3.0	1	1200	10	126.30
	NEOIR45	4.5	2	1200	10	205.75
	NEOIR60	6.0	2	1200	10	293.50

SHEET RUBBER - NATURAL

Black commercial grade, 60° - 65° shore hardness.

1000	PART No.	THICKNESS MM	WIDTH MM	ROLL LENGTH MTR	LIST \$/MTR
	NSR15	1.5	1200	10	48.95
	NSR30	3.0	1200	10	66.30
	NSR45	4.5	1200	10	77.75
	NSR60	6.0	1200	10	100.60

SHEET RUBBER - NEOPRENE

Black commercial grade, 60° - 65° shore hardness.

STREET, SQUARE,	PART No.	THICKNESS MM	WIDTH MM	ROLL LENGTH MTR	LIST \$/MTR
	NEOSR15	1.5	1200	10	82.05
	NEOSR30	3.0	1200	10	133.60
	NEOSR45	4.5	1200	10	186.90
100	NEOSR60	6.0	1200	10	242.50

RIB MATTING

Rib finish sheet rubber – black.

PART No.	THICKNESS MM	WIDTH MM	ROLL LENGTH MTR	LIST \$/MTR
RIB31200	3.5	1200	10	59.60
RIB31500	3.5	1500	10	83.00
RIB32000	3.5	2000	10	97.50

STUDDED MATTING

Studded finish sheet rubber – black.

PART No.	THICKNESS MM	WIDTH MM	ROLL LENGTH MTR	LIST \$/MTR
STUD45	4.5	1000	10	90.00

FLANGE GASKETS

Full face gaskets produced from 3mm natural rubber insertion (1 ply) Table D F/F.

N.B. MM	N.B. INCH	PART No.	LIST \$/EACH
15	1/2"	FG15	1.56
20	3/4"	FG20	1.64
25	1"	FG25	1.96
32	11/4"	FG32	2.22
40	11/2"	FG40	2.60
50	2"	FG50	3.10
65	21/2"	FG65	3.80
80	3"	FG80	4.16
100	4"	FG100	4.96
150	6"	FG150	7.28
200	8"	FG200	9.32
250	10"	FG250	13.00
300	12"	FG300	15.72

Other sizes, table drillings and rubber compounds are available, POA.

UTE MATTING - STANDARD GRADE

PART No.	THICKNESS MM	WIDTH MM	ROLL LENGTH MTR	LIST \$/MTR
UTEMAT1830	14	1830	10	42.00
UTEMAT183024	14	1830	2.4	POA

RUBBER TARP RINGS

12mm section x 325mm long.

PART No.	DESCRIPTION	LIST \$/EACH
RTRS	Rubber tarp ring (standard)	7.80



QUALITY RUBBER, PVC & POLYURETHANE HOSE































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this product catalogue and price list except with the prior written consent of Advanced Industrial Products Pty Ltd.

TERMS AND CONDITIONS OF SALE

1 EXCLUSION OF BUYER'S TERMS

1.1 It is expressly acknowledged and agreed that these terms operate to the exclusion of all and any terms and conditions issued by the Buyer whether before or after the date these conditions of sale come into effect.

2 ORDERS AND PERFORMANCE

- 2.1 The Company may make its acceptance of an order conditional upon a satisfactory credit assessment of the Buyer.
- 2.2 Unless otherwise agreed orders must be confirmed in writing and either mailed, couriered, or faxed.
- 2.3 The Company will use its best endeavours to fulfill accepted orders and comply with any requested or estimated date for delivery but time will not be of the essence in this regard and if the Company's ability to fulfill an accepted order is affected by circumstances or events beyond its control the Company may:
 - (a) extend the date for delivery;
 - (b) with the Buyer's approval, alter the specifications for the goods to allow the substitution of equivalent goods; or
 - (c) cancel the order without liability for breach.
- 2.4 The Company's policy is one of constant improvement and therefore changes of specifications and performance data may be made by the Company without notice and without incurring liability to the Buyer.

3 PRICE

- 3.1 Prices charged for goods will be according to a Current Quotation for those goods. Otherwise they will be determined by the Company by reference to its standard prices in effect at the date of Delivery (whether notified to the Buyer or not and regardless of any prices contained in the order). The Company will use its best endeavours to notify the Buyer of price changes but bears no liability in this regard.
- 3.2 Unless specifically indicated, prices in quotation or elsewhere do not include insurance, special packing, delivery or tax.
- 3.3 Any reference to resale prices contained in the Company's standard price lists or other documents (if any) are recommended resale prices only and there is no obligation on the Buyer to comply with these recommendations.
- 3.4 Prices shown in the Company's price list are exclusive of GST unless otherwise stated and GST, where applicable, will be charged in accordance with current legislation.
- 3.5 The Buyer will be liable for all applicable taxes to the extent that they are not already included in the price.

4 DELIVERY AND PACKING

- 4.1 Unless otherwise agreed, goods sold to the Buyer shall be supplied ex the Company's premises, and FOB.
- 4.2 Unless otherwise agreed, prices include standard packing by the Company and any special packing will be to the Buyer's account.

5 PAYMENT

- 5.1 Terms of payment by the Buyer will be by net cash in exchange for goods; for Buyers fulfilling the Company's credit requirements net cash within 30 days from the end of the month in which the invoice was issued; or otherwise as agreed in writing.
- 5.2 The Company will provide an invoice to the Buyer who will pay the invoice in full within the time specified.
- 5.3 All payments to the Company will be made without set-off, deduction or counterclaim.
- 5.4 If the Buyer fails to pay the invoice in full to the Company when due, the Company will be entitled (without prejudice to any other right or remedy it may have) to:
 - (a) cancel or suspend any further delivery to the Buyer under any order; and
 - (b) charge the Buyer interest on the overdue amount at the rate of 15% p.a. from the date of invoice to the date of full and final payment (irrespective of whether the date of payment is before or after any judgment or award in respect of the overdue amount).
 - (c) Charge to the Buyer all third party costs incurred in demanding and recovery of payments due or recovery of goods.
 - (d) to enter the buyer's premises or the delivery site (or the premises of any associated Company or agent where the Goods are located) without liability for trespass or any resulting damage and retake possession of the goods.

6 CLAIMS

- Any claim by the Buyer for incorrect orders, shortages, overcharges and the like will only be considered by the Company if made in writing and forwarded within 14 days of the date of the invoice to the Company's claims department.
- 6.2 Any claims by the Buyer for goods lost or damaged in transit following Delivery should be made to the relevant carrier or transport authority and unless otherwise agreed the Company is not responsible for such loss or damage.
- 6.3 Return of goods to the Company by the Buyer may only be made if the Company has agreed to that return and all such returns will be subject to a 15% handling charge with freight costs and risk remaining the responsibility of the Buyer, subject always to clause 8.

7 INSURANCE, RISK AND PROPERTY

- 7.1 Unless otherwise agreed, goods are not insured by the Company.
- 7.2 Title to all the goods delivered by the Company to the Buyer remains with the Company and does not pass to the Buyer until the Buyer pays all monies due for all goods supplied in cleared funds, regardless of whether certain goods have already been paid for by the Buyer.
- 7.3 If the Buyer pays a portion of an amount due to the Company for goods delivered to them, the Company retains all title to those goods until the Buyer makes full payment for the goods.
- 7.4 If the Buyer enters into an agreement for the bona fide sale to a third party for a portion of goods delivered by the Company to the Buyer, title only passes to the Buyer in respect of the goods that the third party is purchasing. Title to the remaining goods not purchased by the third party remains with the company until the Buyer has complied with clause 7.2.

8 WARRANTIES

- 8.1 All goods are warranted to the level provided by the manufacturer, the period commencing from the date of invoice by this Company to its customers.

 The return of goods shall be at the customer's expense and the Company reserves the right to repair or replace goods under warranty claim.
- 8.2 To the fullest extent permitted by law the Company will not be liable to the Buyer for loss of profit or other economic loss; direct, indirect or consequential loss; special, general or other damages; or other expenses or costs arising out of any breach of the Contract or any common law duty (including negligence) by the Company, its agents or employees.

9 OTHER ITEMS

9.1 The Company will be entitled to off set against any monies owing to the Buyer amounts owed to the Company by the Buyer under the Contract or on any other account.

10 MISCELLANEOUS

- 10.1 Each party acknowledges and agrees that:
 - (a) the Contract represents the entire agreement between the parties and supersedes all previous agreements;
 - (b) it has not entered into the Contract in reliance on, or as a result of any statement or conduct of any kind (including without limitation, any representation, warranty, advice or undertaking);
 - (c) all conditions, warranties or other terms implied by statute or common law are excluded to the fullest extent permitted by law;
 - (d) the Contract may only be amended by agreement in writing.

11 DEFINITIONS AND INTERPRETATION

In these Conditions of Sale the following terms have the following meanings unless the context requires otherwise:

'Buyer' means a person from whom the Company accepts an order for goods.

'Contract' means the agreement constituted by the Company's acceptance of the Buyer's order and includes these Conditions of Sale.

'Delivery' means delivery of any goods to the Buyer or to a carrier arranged by the Buyer or the Company at the Buyer's request.

'Tax' means any tax, levy, charge or duty imposed by any governmental entity or authority (including, without limitation, GST and customs duty) on or in relation to goods sold to the Buyer (excluding taxes on the company's income and capital gains). 'Company' is that entity, the name of which appears on the face of the relevant invoice.

12 LEGAL JURISDICTION

These terms and conditions shall be governed by the laws of the State of Queensland notwithstanding the place in which the goods or any of them are to be delivered. The Customer submits to the exclusive Jurisdiction of the Courts of the State of Queensland.



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