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INDUSTRIAL

CATALOGUE

Proprietary Limited

BARFELL PLASTIC HOSE & TUBES



Quality
ISO 9001

SAI GLOBAL
CERT NO QEC22270

Industrial • Hydraulics • Ducting • Pneumatics

WESTERN BRANCH

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Sunshine West Vic 3020
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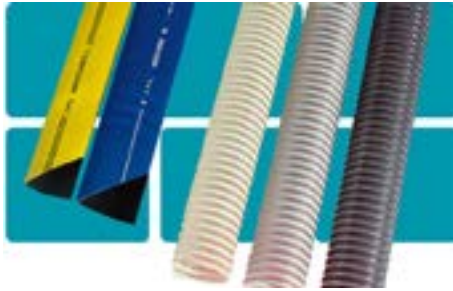
EASTERN BRANCH

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NORTHERN BRANCH

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Other Catalogues Available:



▶ *IPL Plastic Hose*



▶ *Industrial Rubber Hose*



▶ *Automotive*



▶ *Plastic Tubing & Recoil Hose*



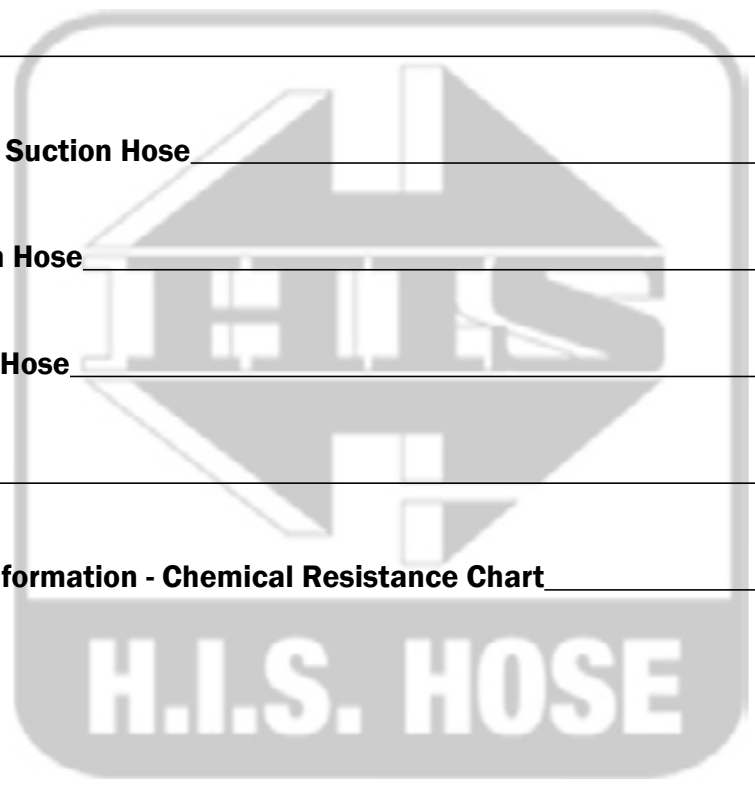
▶ *Flexible Ducting*



▶ *Hose Clamps & Clips*

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PLASTIC HOSES & TUBES

PRESSURE HOSE



SUPER ULTRAFLEX

General purpose air and water hose with a highly distinctive yellow and blue stripes, optimum flexibility, resilience & kink resistance.

Exceeds AS/NZ2554 Class B for burst pressure, wall thickness, abrasion resistance, weathering resistance, low temperature flexibility, ozone resistance and bond strength.

APPLICATIONS: Suitable for general purpose air & water supply. Also suitable for the conveyance of liquids, gases and some chemicals. Ideal for high pressure air lines and compressors. **Inner wall:** black. **Outer wall:** yellow with blue stripe.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
SU06	6	12.5	2.0	290	8.0	1160	0.13	20, 100s, 300r
SU08	8	14.8	2.0	290	8.0	1160	.16	20, 100s, 300r
SU10	10	16.6	2.0	290	8.0	1160	.17	10, 15, 20, 30, 80s, 100, 300r
SU12	12.5	19.3	2.0	290	8.0	1160	0.19	20, 55s, 100, 250r
SU20	20	29.0	1.6	230	6.4	920	0.45	20, 80r, 100, 100r
SU25	25	34.6	1.6	230	6.4	920	0.62	10, 20, 75r, 100
SU32	32	43.4	1.6	230	6.4	920	1.15	10, 20, 60
SU38	38	50.6	1.6	230	6.4	920	1.56	10, 20, 40
SU50	50	64.6	1.6	230	6.4	920	2.40	10, 20, 40

BLUE COLD FLEX

For air, water and fluid transfer where low temperature flexibility is required. Oil mist resistance makes the hose the ideal choice for nail guns and other air operated hand tools.

Meets AS/NZ2554 Class B.

APPLICATIONS: Air lines to all pneumatic tools and portable equipment.

Inner wall: black. **Outer wall:** smooth blue.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
COLD FLEX06	6	11.5	2.0	290	8.0	1160	0.13	20, 100s, 300r
COLD FLEX08	8	14.0	2.0	290	8.0	1160	0.13	20, 100s, 300r
COLD FLEX10	10	16.6	2.0	290	8.0	1160	0.18	20, 30, 70s, 100, 200r
COLD FLEX12	12.5	18.9	2.0	290	8.0	1160	0.22	20, 55s, 100, 200r
COLD FLEX19	19	26.5	1.6	290	6.4	920	0.51	20, 100r
COLD FLEX25	25	34.4	1.6	290	6.4	920	0.72	20, 100

r: Reel.

s: Spool.

Add Coil Size to Product Number:

(20m) 020, (30m) 030, (40m) 040, (60m) 060, (100m) 100, (200m) 200, (250m) 250, (300m) 300

ULTRA AIR

A flexible, light, low cost air line. Good oil mist resistance makes this the ideal choice for portable compressor air lines.

Inner wall: black. **Outer wall:** smooth blue.

Can be custom branded.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
ULTRAIR10	10	15.0	1.6	232	4.8	969	0.19	20, 30, 100, 200, 250r

TMP II

The hose is highly flexible but kink resistant with a highly distinctive dual striping. A translucent multi purpose food contact hose. It meets AS2070 1999, with a food contact inner and outer covering.

APPLICATIONS: Suitable for air, water food and beverage liquids, semi liquids and petroleum based products.

Inner wall: clear. **Outer wall:** clear with yellow & blue stripes.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
TMP06	6	11.0	1.4	200	5.6	800	0.08	20, 100s, 300r
TMP08	8	12.4	1.4	200	5.6	800	0.10	20, 100s, 300r
TMP10	10	15.0	1.4	200	5.6	800	0.14	20, 80s, 300r
TMP12	12.5	18.1	1.4	200	5.6	800	0.19	20, 100, 55s, 250r
TMP16	16	22.8	1.4	200	5.6	800	0.30	20, 100
TMP20	20	27.6	1.4	200	5.6	800	0.40	20, 80r, 100
TMP25	25	33.4	1.4	200	5.6	800	0.54	20, 75r, 100
TMP32	32	41.8	1.2	175	4.8	700	0.97	20, 60
TMP38	38	49.8	1.2	175	4.8	700	1.32	20, 40
TMP50	50	64.2	0.9	131	3.6	524	2.12	20, 40

SPRAYFLEX 300

A premium hose designed for medium pressure weedicide, pesticide and general chemical transfer. Its distinctive blue inner tube is a PVC/Nitrile blend, giving excellent resistance to most hydrocarbon solvents including aromatics, resulting in an extended life in the most demanding applications. The black outer cover is also chemical and ultraviolet light resistant.

APPLICATIONS: Transferring diluted weedicides, pesticides in general agricultural and horticultural applications.

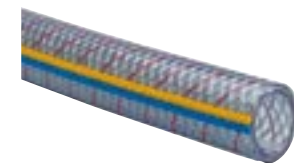
Inner wall: blue. **Outer wall:** smooth black.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
SPRAYFLEX8	8	14.4	2.1	297	8.2	1190	0.15	20, 100s, 200r
SPRAYFLEX10	10	16.4	2.1	297	8.2	1190	0.19	20, 80s, 300r
SPRAYFLEX12	12.5	19.0	2.1	297	8.2	1190	0.22	20, 100, 55s, 250r
SPRAYFLEX20	20	27.5	2.1	297	8.2	1190	0.42	20, 100
SPRAYFLEX25	25	35.2	2.1	297	8.2	1190	0.63	20, 100
SPRAYFLEX32	32	43.0	2.1	297	8.2	1190	0.66	20, 60
SPRAYFLEX38	38	52.0	2.1	297	8.2	1190	1.35	20, 60

r: Reel.
s: Spool.

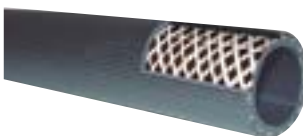
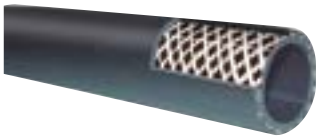
Add Coil Size to Product Number:

(20m) 020, (30m) 030, (40m) 040, (60m) 060, (100m) 100, (200m) 200,
(250m) 250, (300m) 300



PLASTIC HOSES & TUBES

PRESSURE HOSE



SUPER AG SPRAY – RED

A premium hose designed for high pressure weedicide and pesticide transfer operations.

APPLICATIONS: Resistance to most chemicals and hydrocarbon based solvents making it suited to a wide range of applications.

Inner wall: clear. **Outer wall:** smooth red.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
SAG10	10	17.0	4.0	580	16.0	2320	0.18	20, 100
SAG12	12.5	20.3	4.0	580	16.0	2320	0.28	20, 100

DRUM PUMP – BLACK

Petrol and oil resistant hose with excellent flexibility. The PVC/Nitrile blend inner tube is highly resistant to hydrocarbons including aromatics. Excellent resistance to UV light ensures a long life. Good low temperature flexibility. A three metre retail display pack is also available.

APPLICATIONS: Dispensing fuels from overhead tanks and drums..

Inner wall: black. **Outer wall:** smooth black.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
DP19	19	27.0	1.0	145	4.0	580	0.36	20, 50s, 100
DP25	*25	33.5	1.0	145	4.0	580	0.55	3, 20, 60

*25mm now includes twin antistatic copper wires for increased safety when used to transfer volatile solvents.

PR – ANTI-STATIC – PETROL

A superior petrol resistant hose with a blue PVC/Nitrile blend inner tube for excellent resistance to unleaded fuels. All sizes incorporate twin copper anti-static wires for added safety.

APPLICATIONS: Dispensing oil, greases, petrol (including unleaded), diesel and home heating fuel. Ideal as a tanker delivery hose.

Inner wall: blue PVC/Nitrile blend. **Outer wall:** ribbed black with anti-static wires.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
PR25	25	34.0	1.3	193	5.3	770	0.60	20, 100
PR32	32	42.0	1.2	175	4.8	700	0.80	20, 60
PR40	40	52.4	1.0	145	4.0	580	1.20	20, 40

FIRE REEL HOSE – BLACK

Manufactured to AS/NZ1221. The hose is lightweight, flexible, resistant to UV light and has self extinguishing properties.

APPLICATIONS: Stationary or mobile hose reels in fire control systems located in commercial or public buildings.

Inner wall: black. **Outer wall:** ribbed black.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
FR19	19	31.5	1.0	145	4.0	580	0.36	36, 100
FR25	25	36.0	1.0	145	4.0	580	0.55	36, 100

r: Reel.
s: Spool.

Add Coil Size to Product Number:

(20m) 020, (30m) 030, (40m) 040, (60m) 060, (100m) 100, (200m) 200, (250m) 250, (300m) 300

DIVERS – AIR BREATHING

Approved braided divers air breathing hose for professional and sports diving. Also suitable for breathing apparatus for spray booths and sand blasting.

Conforms to AS1199 and AS/NZ1716. Outer cover pricked for added safety.

APPLICATIONS: Diving, air breathing applications.

Inner wall: white. **Outer wall:** smooth yellow.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
DIVERS08	8	14.3	1.6	235	6.4	930	0.14	50, 100, 300r
DIVERS10	10	17.0	10.0	365	10.0	1450	0.22	50, 100, 300r



PLASTIC HOSES & TUBES

ESTATE – BLULINE

Highly flexible premium hose for watering parks and gardens. With high visibility and two distinctive blue stripes, it is kink, burst and UV light resistant.

APPLICATIONS: All commercial parks, gardens and turf watering applications. Ideal as a general cold water wash down hose in cattle yards and dairies.

Inner wall: black. **Outer wall:** smooth white with blue stripes.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
ESTATE12	12.5	19.0	1.0	145	4.0	580	0.22	20, 100
ESTATE19	19	26.5	1.0	145	4.0	580	0.40	20, 100
ESTATE25	25	34.0	1.0	145	4.0	580	0.58	20, 80r, 100
ESTATE32	32	42.5	1.0	145	4.0	580	0.85	20, 75r, 100
ESTATE38	38	49.5	1.0	145	4.0	580	1.11	20, 60



PASTORAL WHITE

A ribbed cold water wash down hose and general purpose water hose.

Good flexibility and abrasion resistance makes the hose the ideal choice for dairy wash down or general parks and gardens irrigation.

APPLICATIONS: Parks and gardens, general rural use.

Inner wall: black. **Outer wall:** ribbed white.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
PAST12	12.5	19.0	1.2	175	4.8	700	0.22	20, 55s, 100
PAST19	19	26.5	1.2	175	4.8	700	0.37	20, 50s, 100r
PAST25	25	34.0	1.0	145	4.0	580	0.58	20, 30s, 100
PAST32	32	43.0	1.0	145	4.0	580	0.90	20, 100



HOT WASH – WHITE

Highest grade hose for hot wash down use in the food industry. The thermoplastic rubber smooth outer cover is highly resistant to lactic acid and fats.

APPLICATIONS: Hot wash down of all food preparation and retail areas, where milk, fats and other food products are present.

Inner wall: white. **Outer wall:** white with smooth TPR surface. Rated to 85°C when used at low pressure.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres.@20°C Mpa	PSI	Pres.@20°C Mpa	PSI		
HOTWASH12	12.5	19.7	2.0	290	8.0	1160	0.28	20, 100
HOTWASH19	19	28.0	1.8	250	7.0	1015	0.48	20, 100



r: Reel.

s: Spool.

Add Coil Size to Product Number:

(20m) 020, (30m) 030, (40m) 040, (60m) 060, (100m) 100, (200m) 200,
(250m) 250, (300m) 300



DRINKING WATER HOSE

For the transfer of drinking water. Manufactured to AS2070 1999 and AS 4020 to ensure that there is no taint or smell imparted to the drinking water.

APPLICATIONS: Transferring potable water to caravans, boats or drinking containers.

Inner wall: clear.

Outer wall: smooth white with blue stripes.

Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres. @20°C Mpa	PSI	Pres. @20°C Mpa	PSI		
DW12	12	17.0	0.8	110	3.0	40	0.23	20, 60s, 100

LILAC RECLAIMED WATER HOSE

A hose specially formulated for use with reclaimed water. Its Lilac cover complies with the international standard for use with reclaimed water. The hose has "RECLAIMED WATER NOT FOR DRINKING" printed along its length for added safety.

APPLICATIONS: Watering parks and gardens with reclaimed water. Also suitable for use as a domestic garden hose.

Inner wall: black.

Outer wall: smooth lilac



Product No.	Nominal		Working		Burst		Weight Kg/m	Coil Lengths in metres
	ID mm	OD mm	Pres. @20°C Mpa	PSI	Pres. @20°C Mpa	PSI		
RECLAIM19	19	25.5	1.0	145	4.0	580	0.27	20, 100
RECLAIM25	25	34.4	1.0	145	4.0	580	0.60	20, 100

r: Reel.

s: Spool.

Add Coil Size to Product Number:

(20m) 020, (30m) 030, (40m) 040, (60m) 060, (100m) 100, (200m) 200, (250m) 250, (300m) 300

PVC – NON TOXIC – CLEAR

Non toxic tube manufactured to AS2070 1999 with excellent clarity, flexibility and mirror smooth bore for low friction flow.

APPLICATIONS: Suitable for food and beverage fluids, medical drainage and low pressure general delivery lines.

Wall: clear.

Product No.	Nominal		Working Pres.@20°C		Coil Lengths in metres
	ID mm	OD mm	Mpa	PSI	
CVT03	3	5.0	0.9	125	30, 300s
CVT04	4	7.0	0.8	120	30
CVT05	5	8.0	0.8	115	30, 120s
CVT06	6	9.0	0.6	90	30, 100s
CVT08	8	11.0	0.5	75	30, 150s
CVT10	10	13.0	0.4	60	30, 130s
CVT12	12.5	15.5	0.5	70	30, 90s
CVT16	16	19.0	0.4	60	30, 60s
CVT20	19	23.0	0.4	50	30, 40s
CVT25	25	31.0	0.4	50	30
CVT32	32	38.0	0.3	40	30
CVT38	38	46.0	0.3	40	30
CVT50	50	60.0	0.3	40	15



EVA – BEVERAGE TUBE

Formulated from Ethylene Vinyl Acetate, a food grade compound, it will not taint foodstuffs and beverages. It has good flexibility, a mirror smooth bore and excellent abrasion resistance.

APPLICATIONS: Dispensing beverages, including beer and mixed drinks. Transferring most fluid and semi fluid foodstuffs.

Wall: translucent.

Product No.	Nominal		Working Pres.@20°C		Coil Lengths in metres
	ID mm	OD mm	Mpa	PSI	
BEVA04	4	7.0	0.28	40	100
BEVA05	5	8.0	0.28	40	100
BEVA06	6	10.0	0.28	40	100
BEVA08	8	12.5	0.28	40	100
BEVA10	10	15.0	0.28	40	100
BEVA12	12.5	17.5	0.28	40	100



r: Reel.
s: Spool.

PLASTIC HOSES & TUBES

TUBING



PLASTIC HOSES & TUBES

PVC SUCTION HOSE



GREY HEAVY DUTY – GENERAL PURPOSE

A heavy duty suction/discharge hose. It is strong and durable with a rigid PVC spiral. Mirror smooth bore for increased flow and pumping efficiency.

PROPERTIES:

- Colour:** grey
- Temperature Range:** -5°C to +60°C
- Chemical Resistance:** good
- Flexibility:** Good
- Weathering Properties:** good
- Abrasion Resistance:** excellent.

APPLICATIONS: Conveyance of water, slurries, sludge, waste matter, some chemicals, granules, sand & gravel. Widely used in the general manufacturing and building industries.

Product Number	ID mm	Nominal OD mm	Working Pres.@20°C		Vacuum Rating KPa/20°C	Weight Kg/m	Min. Bend Radius	Coil Lengths in metres
			Mpa	PSI				
GIOVE025	25	31.4	1.0	145	-90	0.39	120	20, 40
GIOVE032	32	38.6	0.9	130	-90	0.53	150	20, 40
GIOVE038	38	45.6	0.8	115	-90	0.69	200	20, 40
GIOVE044	44	52.6	0.8	115	-90	0.84	240	20
GIOVE050	50	59.6	0.7	100	-90	1.07	270	20, 40
GIOVE063	63	73.3	0.6	85	-90	1.51	330	20, 40
GIOVE076	76	88.0	0.6	85	-90	2.26	440	20, 40
GIOVE102	102	116.0	0.5	75	-90	3.17	620	20
GIOVE127	127	143.0	0.5	75	-90	4.33	860	20
GIOVE150	150	170.0	0.3	45	-90	6.73	1100	20

SUPER E HEAVY DUTY – PETROL & OIL

An extremely flexible, thick walled suction/delivery hose with outstanding resistance to hydrocarbon based chemicals, including diesel fuel, petrol, fuel oil greases and lubricants. Smooth bore ensures maximum pumping efficiency.

PROPERTIES:

- Colour:** dark blue
- Temperature Range:** -5°C to +60°C
- Chemical Resistance:** excellent
- Flexibility:** excellent
- Weathering Properties:** good
- Abrasion Resistance:** excellent.

APPLICATIONS: Collection of waste on environmental waste trucks, pumping the contents of grease pits, sewage collection, pumping of fuels, lubricants and most chemicals.

Product Number	ID mm	Nominal OD mm	Working Pres.@20°C		Burst Pres.@20°C		Weight Kg/m	Coil Lengths in metres
			Mpa	PSI	Mpa	PSI		
SUPERE25	25	31.4	1.0	145	-90	0.39	120	20, 40
SUPERE32	32	38.6	0.9	130	-90	0.53	150	20, 40
SUPERE38	38	45.6	0.8	115	-90	0.69	200	20, 40
SUPERE44	44	52.6	0.8	115	-90	0.84	240	20
SUPERE50	50	59.6	0.7	100	-90	1.07	270	20, 40
SUPERE63	63	73.3	0.6	85	-90	1.51	330	20, 40
SUPERE76	76	88.0	0.6	85	-90	2.26	440	20, 40
SUPERE102	102	116.0	0.5	75	-90	3.17	620	20
SUPERE127	127	143.0	0.5	75	-90	4.33	860	20
SUPERE150	150	170.0	0.3	45	-90	6.73	1100	20

BLACK BOSS MEDIUM DUTY – PETROL & OIL

A medium duty chemical suction/discharge hose. Extremely flexible and lighter weight product for the less demanding applications.

PROPERTIES:

Colour: black

Temperature Range: -5°C to +60°C

Chemical Resistance: excellent

Flexibility: excellent

Weathering Properties: good

Abrasion Resistance: good.

APPLICATIONS: Collection of waste on environmental waste trucks, pumping the contents of grease pits, sewage collection, pumping of fuels, lubricants and most chemicals.

Product Number	ID mm	Nominal OD mm	Working Pres. @20°C		Vacuum Rating KPa/20°C	Weight Kg/m	Min. Bend Radius	Coil Lengths in metres
			Mpa	PSI				
BLACKBOSS19	19	24.9	0.65	95	-90	0.26	40	20, 40
BLACKBOSS25	25	32.0	0.65	95	-90	0.41	65	20, 40
BLACKBOSS32	32	39.0	0.65	95	-90	0.54	100	20, 40
BLACKBOSS38	38	46.2	0.55	80	-90	0.70	150	20, 40
BLACKBOSS50	50	60.0	0.45	65	-90	1.07	190	20, 40
BLACKBOSS63	63	74.1	0.45	65	-90	1.50	230	20, 40
BLACKBOSS76	76	89.0	0.45	65	-90	2.25	330	20, 40
BLACKBOSS102	102	115.5	0.45	65	-90	-	520	20



RIDGEBACK – LIGHT DUTY

A light weight, multi purpose suction/discharge hose. The corrugated outer surface allows for a tight bend radius.

PROPERTIES:

Colour: clear with clear rigid PVC spiral

Temperature Range: -5°C to +60°C

Chemical Resistance: good

Flexibility: excellent

Abrasion Resistance: good

APPLICATIONS: Transporting light weight slurries or particulates including grains, seeds and plastic granules. Not approved for use with foodstuffs.

Product Number	ID mm	Nominal OD mm	Working Pres. @20°C		Vacuum Rating KPa/20°C	Weight Kg/m	Min. Bend Radius	Coil Lengths in metres
			Mpa	PSI				
RIDGEBACK25	25	32.4	0.4	60	-90	0.32	40	20, 40
RIDGEBACK32	32	40.0	0.4	60	-90	0.37	50	20, 40
RIDGEBACK38	38	46.5	0.4	60	-90	0.47	60	20, 40
RIDGEBACK50	50	60.8	0.4	60	-90	0.75	100	20, 40
RIDGEBACK63	63	73.5	0.3	45	-90	0.90	150	20, 40
RIDGEBACK76	76	89.0	0.3	45	-90	1.15	300	20, 40



LPG VENT – LIGHT DUTY

A highly flexible hose manufactured to AS1425 Section 2.2 covering LPG fuel systems for vehicle engines.

PROPERTIES:

Colour: black.

APPLICATIONS: Suitable for use in converting cars, trucks and forklifts from petrol to gas.

Product Number	ID mm	Nominal OD mm	Working Pres. @20°C		Vacuum Rating KPa/20°C	Weight Kg/m	Min. Bend Radius	Coil Lengths in metres
			Mpa	PSI				
VENT38	38	46.0	0.3	36	-90	0.45	60	20,40
VENT50	50	60.8	0.3	36	-90	0.73	100	20, 40



PLASTIC HOSES & TUBES

PVC SUCTION HOSE



WINE – CLARET FOOD AND BEVERAGE

PVC hose reinforced by antishock rigid PVC spiral. Inside smooth, very strong and flexible. Resistant to fatigue, weather and most chemical products. Food grade according to the European Regulation 2002/72/CE, classes A,B, C (with alcoholic content up to 30% concentration).

Colour: Transparent with red spiral.

APPLICATIONS: Suction and delivery of alimentary products (no fatty foods) such as wine, grapes and liqueurs. The antistatic version and the low temperature (-25°C/-16°F) are available on request.

Product Number	I.D. mm	I.D. Inch	Weight gr/mt2	Wall Thickness mm	Bending Radius mm	W.P. Bar	W.P. PSI	Vacuum mL/H2O	Coil Length mts
BACC0020	20	3/4"	310	3.2	110	9	135	10	50
BACC0025	25	1"	400	3.3	170	8	120	10	50
BACC0032	32	1.1/4"	520	3.5	230	7	105	10	50
BACC0038	38	1.1/2"	730	4.1	260	7	105	10	50
BACC0050	50	2"	1100	5.3	350	6	90	10	50
BACC0063	63	2.1/2"	1630	6.1	440	6	90	10	50
BACC076	76	3"	1950	6.3	525	5	75	10	50
BACC0100	100	4"	3300	8.1	695	5	75	9	30

STANDARD FOOD CONTACT/MILK TANKER

PVC hose reinforced by antishock rigid PVC spiral. Inner PU layer abrasion resistant and food grade according to European Regulation 2002/72/CE, classes A, B, C, D (except milky products). Inside smooth, light, very flexible and strong, resists fatigue, weather and most chemicals.

Colour: Transparent with ivory spiral.

APPLICATIONS: Suction and delivery of alimentary products and liquids. Due to its PU layer is particularly suitable for transport of grains, animal feed, sugar and flour, whenever stronger abrasion resistance is needed. The antistatic version is available on request. Temperature range is -10°C to 60°C (14°F to 140°F).



Product Number	I.D. mm	I.D. Inch	Weight gr/mt2	Wall Thickness mm	Bending Radius mm	W.P. Bar	W.P. PSI	Vacuum mL/H2O	Coil Length mts
NETTUNO020	20	3/4"	250	2.8	110	7	100	7	50
NETTUNO025	25	1"	300	2.8	130	7	100	7	50
NETTUNO032	32	1.1/4"	390	2.9	155	5	90	7	50
NETTUNO038	38	1.1/2"	520	3.1	185	5	75	7	50
NETTUNO045	45	1.3/4"	670	3.1	215	5	75	7	50
NETTUNO050	50	2"	800	3.3	235	5	75	7	50
NETTUNO063	63	2.1/2"	1040	3.5	290	5	75	7	50
NETTUNO076	76	3"	1380	3.9	340	5	75	7	50
NETTUNO100	100	4"	2200	4.7	470	4	60	7	30
NETTUNO127	127	5"	3000	6.2	680	3	45	5.5	30
NETTUNO150	150	6"	4300	7.3	780	3	45	5	20

C VIEW S

An exceptionally flexible, clear suction/discharge hose suitable for food and beverages. The clear rigid helix makes the hose completely transparent. It is UV light stabilised and conforms to AS2070 1999.

PROPERTIES:

Colour: clear with clear rigid PVC spiral

Temperature Range: -5°C to +60°C

Chemical Resistance: excellent

Flexibility: excellent

Abrasion Resistance: good.

APPLICATIONS: Suction of any fluid that requires a food grade hose including wineries, mil the Ek collection or processing, canneries, and food processing plants. It can be used for the suction or delivery of wine and spirits to 28 1/4 proof.

Product Number	ID mm	Nominal OD mm	Working Pres. @20°C Mpa	Working Pres. @20°C PSI	Vacuum Rating KPa/20°C	Weight Kg/m	Min. Bend Radius	Coil Lengths in metres
CVIEWS25	25	32.0	1.0	145	-90	0.43	120	20
CVIEWS32	32	40.6	0.9	130	-90	0.65	150	20
CVIEWS38	38	45.6	0.9	130	-90	0.70	200	20
CVIEWS50	50	60.2	0.7	102	-90	1.05	270	20
CVIEWS63	63	73.5	0.6	87	-90	1.44	330	20
CVIEWS75	75	87.8	0.6	87	-90	1.98	440	20
CVIEWS100	100	116.6	0.5	73	-90	3.14	620	20
CVIEWS150	150	170.0	0.4	58	-90	5.86	1100	20



C VIEW SP

Specifically designed to outperform all other hoses in the beverage industry. It is both a suction and pressure hose in one. It is UV light stabilised, conforms to AS2070 for use with food products and uses a plastic helix that will not rust or cut the hands of operators.

PROPERTIES:

Colour: clear with bone rigid PVC spiral

Temperature Range: -5°C to +60°C

Chemical Resistance: excellent

Flexibility: excellent

Abrasion Resistance: excellent

APPLICATIONS: Pressure or suction of any liquid or semi liquid that requires a food grade hose. Included are wineries, milk processing plants or tankers. Can be used with wine and spirits to 28 1/4 proof.

Product Number	ID mm	Nominal OD mm	Working Pres. @20°C Mpa	Working Pres. @20°C PSI	Vacuum Rating KPa/20°C	Weight Kg/m	Min. Bend Radius	Coil Lengths in metres
CVIEWSP25	25	35.5	1.2	175	-90	0.68	130	30
CVIEWSP38	38	48.5	1.2	175	-90	1.01	220	30
CVIEWSP50	50	64.5	1.2	131	-90	1.67	300	30



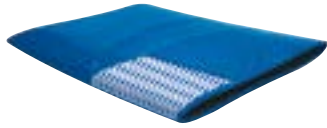
PLASTIC HOSES & TUBES

PVC SUCTION HOSE



PLASTIC HOSES & TUBES

PVC LAYFLAT HOSE



MEDIUM DUTY SUNNY BLUE LAYFLAT HOSE

An abrasion resistant medium duty hose made from PVC compound and reinforced with high tensile strength yarn.

Colour: blue

APPLICATIONS: Suitable for low volume irrigation, wash down, as well as a variety of watering applications in commercial gardening and construction sites.

Product No.	Nominal ID mm	Working Pres. @20°C		Weight Kg/m	Coil Lengths metres
		Mpa	PSI		
LFMD19	19	0.7	100	0.11	100
LFMD25	25	0.7	100	0.17	100
LFMD32	32	0.7	100	0.20	100

HEAVY DUTY SUNNY RED LAYFLAT HOSE

A tough abrasion resistant heavy duty hose made from PVC compound and reinforced with high tensile strength yarn.

Colour: red

APPLICATIONS: De-watering pits, building sites, dams, mines and quarries. Also suitable for pumping more abrasive slurries.

Product No.	Nominal ID mm	Working Pres. @20°C		Weight Kg/m	Coil Lengths metres
		Mpa	PSI		
LFHD40RD	40	1.0	150	0.30	100
LFHD50RD	50	1.0	150	0.42	100
LFHD65RD	65	1.0	150	0.55	100
LFHD75RD	75	0.9	130	0.66	100
LFHD100RD	100	0.9	130	1.02	100
LFHD150RD	150	0.7	102	1.65	100
LFHD200RD	200	0.5	75	2.20	100

LIGHT DUTY SUNNY BLUE LAYFLAT HOSE

Made from PVC compound, reinforced with high strength yarns and is a one piece construction.

Colour: blue.

APPLICATIONS: Suitable for irrigation or drainage, washdown, water supply for construction sites or general de-watering.

Product No.	Nominal ID mm	Working Pres. @20°C		Weight Kg/m	Coil Lengths metres
		Mpa	PSI		
LFLD40BE	40	0.50	73	0.21	100
LFLD50BE	50	0.45	65	0.29	100
LFLD65BE	65	0.40	58	0.40	100
LFLD75BE	75	0.35	58	0.57	100
LFLD100BE	100	0.30	58	0.75	100
LFLD125BE	125	0.30	44	1.00	100
LFLD150BE	150	0.30	44	1.25	100
LFLD200BE	200	0.30	44	1.93	100
LFLD250BE	250	0.25	36	2.70	100
LFLD300BE	300	0.20	30	2.90	100
LFLD350BE	350	0.20	30	-	100
LFLD400BE	400	0.20	30	-	100

BARFLO INDUSTRIAL

A lightweight, flexible air seeder hose also suitable for many other less demanding applications. UV light stabilised.

Colour: black.

APPLICATIONS: Secondary and tertiary lines on air seeder machines. Also suitable for water conveyance, small ventilation on business machine and dust collection.

Product No.	Nominal ID mm	OD mm	Weight Kg/m	Bend Radius	Coil Lengths metres
IVLD12	12.5	19.0	0.10	50	20
IVLD16	16	21.5	0.13	65	20
IVLD19	19	26.0	0.20	65	20
IVLD25	25	32.0	0.25	70	20
IVLD28	28	35.5	0.28	80	20
IVLD30.5	30.5	39.5	0.31	85	20
IVLD32	32	41.0	0.38	90	20
IVLD35	35	45.0	0.42	90	20
IVLD38	38	47.0	0.45	100	20
IVLD44	44	53.0	0.48	110	20
IVLD50	50	63.5	0.85	125	20
IVLD63	63	74.5	1.00	200	20
IVLD76	76	88.0	1.10	250	20
IVLD102	102	114.0	2.00	400	20



PLASTIC HOSES & TUBES

BARFLO HEAVY DUTY

Medium to heavy duty vacuum and delivery hose with good flexibility. UV light stabilised.

Colour: black

APPLICATIONS: Collection of dust, sawdust, fumes. Transport of water or small particulates.

Product Number	Nominal ID mm	OD mm	Weight Kg/m	Bend Radius	Coil Lengths metres
IVHD32	31.5	42.0	0.42	125	20
IVHD38	38	48.5	0.55	130	20
IVHD44	44	58.0	0.75	135	20
IVHD50	50	67.5	1.00	175	20
IVHD63	63	79.5	1.10	200	20
IVHD76	76	92.0	1.40	300	20
IVHD102	102	121.5	2.50	400	20
IVHD127	127	149.0	3.70	450	Made to Order
IVHD152	152	174.0	4.20	550	Made to Order
IVHD203	203	226.0	5.20	1000	Made to Order



*HW - Heavy Wall

Add Coil Size to Product Number:

(20m) 020, (30m) 030, (40m) 040, (60m) 060, (100m) 100, (200m) 200,
(250m) 250, (300m) 300



AIRSEEDER GENERAL PURPOSE

A medium weight, flexible general purpose hose with a smoother bore to minimise losses. UV light stabilised.

Colour: black

APPLICATIONS: Secondary and tertiary lines on air seeder machines. Also suitable for water conveyance, small ventilation on business machine and dust collection.



Product No.	Nominal ID mm	Nominal OD mm	Weight Kg/m	Bend Radius	Coil Lengths metres
AIRSEEDER25	25	32.7	0.27	70	20
AIRSEEDER28	28	38.6	0.29	80	20
AIRSEEDER32	32	43.2	0.40	90	20
AIRSEEDER35	35	46.2	0.41	90	20
AIRSEEDER38	38	49.2	0.47	100	20
AIRSEEDER44	44	55.2	0.49	120	20
AIRSEEDER50	50	62.6	0.67	125	20
AIRSEEDER63	63	76.0	0.97	200	20

DOMESTIC VAC – VACUUM HOSE

An extremely flexible vacuum cleaner hose which will not mark walls or furniture. UV light resistant.

Colour: beige

APPLICATIONS: Suitable for portable vacuum cleaners and ducted systems.



Product No.	Nominal ID mm	Nominal OD mm	Weight Kg/m	Bend Radius	Coil Lengths metres
DOMVAC32	32	40.0	0.28	70	10, 20

PROVAC – VACUUM HOSE

A heavy duty vacuum hose, resistant to chemicals and abrasion. Will not mark walls or furniture.

Colour: grey.

APPLICATIONS: Collection of dust, sawdust, fumes. Transport of water or small particulates.



Product No.	Nominal ID mm	Nominal OD mm	Weight Kg/m	Bend Radius	Coil Lengths metres
PROVAC38	38	47.5	0.40	70	10, 20
PROVAC50	50	68.5	0.95	110	10, 20

When selecting hoses and tubes, many considerations need to be made, including pressure requirements, flow rates, temperature, abrasive resistance, and many others. The information here concerns chemical resistance only and does not imply suitability in other respects. Compliance with standards, permeation, UV resistance and other properties need to be considered before a product can be regarded as suitable for the particular application. If in doubt, please contact your distributor or Barfell for assistance.

PVC Pressure Hoses, Suction Hoses and Tubes - All flexible PVC contains plasticisers to impart softness to the PVC. Some solvents extract the plasticiser rather quickly and the hose or tube becomes hardened. Examples are alcohols and hydrocarbon solvents. Oils extract the plasticiser, but with some oils and petrols the hose retains flexibility and useful performance so long as it is not allowed to dry out. The oil in effect takes over the role of the plasticiser and once dried out, the hose loses flexibility.

Several different plasticisers can be used, some giving greatly improved performance with solvents and oils. The chart assumes that a commonly used, fairly resistant plasticiser called Dioctyl Phthalate (DOP) would be present.

The chemical resistance to be expected from plasticised PVC when DOP is used as the plasticiser is summarised in the following paragraphs.

a) Acids and Alkalis: Dilute acids and alkalis have little effect at room temperature, but at elevated temperatures some hydrolysis and extraction of plasticiser may occur. Concentrated acids and alkalis hydrolyse plasticisers slowly in the cold and more rapidly when heated.

b) Organic Liquids: The main effect of most organic liquids on plasticised PVC is to extract the plasticiser, resulting in some hardening, particularly when the PVC is removed from contact with the liquid. The compound may become hard and less tough.

Most organic solvents will extract plasticiser and give rise to these effects, but with aromatic and chlorinated hydrocarbons, aliphatic and cyclic ethers, this plasticiser extraction is accompanied by a softening of the PVC and the overall effect is difficult to predict.

The undesirable effects mentioned above with a PVC compound containing a monomeric ester type plasticiser such as DOP, can be reduced or prevented by the use of a polymeric type of plasticiser which affords a higher resistance to extraction. Such plasticisers include Polypropylene Adipate (PPA) and polypropylene Sebacate (PPS), the former being of value in contact with oils and fuels and the latter showing a high degree of resistance to soap and detergent solutions.

Nylon Tubing — As the chart indicates, Nylon is resistant to many solvents, oils and fats and is generally the material of choice for paints, thinners and oils. However, as with all chemical properties, increased temperature increases the speed of any attack.

EVA (Beva) Tubing — Made from EVA is widely used for food products as it is approved for use with most foodstuffs and will not impart taste or odour.

Use of the charts — It may be safely assumed that chemical resistance decreases with both increasing temperature and with increasing concentration of reagent, and that the reverse is also true. No valid assumptions can be made if the temperature and concentration move in compensating directions, the following Chemical resistance Chart is not intended to be complete. Missing chemicals from this chart does not mean unsuitability. Please contact Barfell Industries for further advice.

It should be appreciated that the information given herein is, to the best of our knowledge, true and accurate. However, since conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

Chemicals	NYLON			FLEXIBLE PVC			EVA			Chemicals	NYLON			FLEXIBLE PVC			EVA		
	20°C	60°C	80°C	20°C	55°C	NOTES	20°C	60°C	NOTES		20°C	60°C	80°C	20°C	55°C	NOTES	20°C	60°C	NOTES
A										B									
Acetaldehyde	G	L		P	P		L	P	40-100%	Barium Carbonate	G	G	G	G	G		G	G	
Acetic Acid	L	P	P	G	L	10%	G	G	10%	Barium Chloride	G	G	G	G	G		G	G	
				G	P	50%	G	L	10%	Barium Hydroxide				G		G	G		
				L	P	85%	G	L	60%	Barium Sulphate				G	G				
Acetic Acid (Glacial)	P	P		P	P		G	L		Beer	G			G	L		G	G	
Acetic Anhydride	L	P	P	P	P		L	L		Benzaldehyde	G	P		P	P		L	P	
Acetone	G	L	P	U	P	P	P	P		Benzene	G	L		P	P		P	P	
Acetylene Gas	G	G	G							Benzyl Alcohol	L	P	P	P	P		L	P	
Alcohol - Butyl				G	L					Benzoic Acid				P	P				
Alcohol - Cetyl				G	G					Bismuth Carbonate				G	G				
Alcohol - Ethyl				G	L					Bleach				G	G	Dil	G	G	
Alcohol - Lauryl				G	G									G	L	Conc			
Alcohol - Methyl				G	G					Borax (Sodium Tetrabor)				G	G		G	G	
Aliphatic Hydrocarbons				G	L					Boric Acid				G	G		G	G	
Alum				G	G	G	G			Brine				G	G		G	G	
Aluminium Acetate						G	G			Bromine, Dry Gas	P			P	P		P	P	
Aluminium Chloride				G	G	G	G			Bromine, Liquid Anhydr	P			P	P		P	P	
Aluminium Fluoride				G	L					Butane Gas	G	G		G	L		G	G	
Aluminium Oxulate				G	G					Butyle Acetate	G	G	L	P	P				
Aluminium Potassium S				G	G					Butyl Alcohol (n-butanol)	G	P		G	L		G	G	
Aluminium Sulphate				G	G					Buyric Acid				G	L	20%	L	P	
Ammonia, Aqueous	G	G	G	G	G	10%	G	G					P	P	Conc				
				L	L	28%				C									
Ammonia, Gas	G			G	L	Dry	G	G		Calcium Arsenate	G	G							
				P	P	Wet				Calcium Carbonate				G	G				
Ammonium Chloride				G	G		G	G		Calcium Chloride	G	G	G	G	G		G	G	
Ammonium Hydroxide	G	G	G	G	L		G	G		Calcium Hydroxide (lime)				G	G		G	G	
Ammonium Sulphate	G	L		G	G		G	G		Calcium Hypochlorite				G	L	Dil	G	G	
Amyl Acetate	G	G	L	P	P		P	P					G	L	Conc				
Amyl Alcohol				G	G		G	G		Calcium Nitrate				G	G				
Anethole	G									Carbinol Acetate				P	P				
Aniline	L	P	P	G	G		L	P		Carbolic Acid (Phenol)				L	P		P	P	

PVC CHEMICAL RESISTANCE CHART

Chemicals	NYLON			FLEXIBLE PVC			EVA		
	20°C	60°C	80°C	20°C	55°C	NOTES	20°C	60°C	NOTES
C									
Carbon Dioxide				G	G		G	G	
Carbon Disulphide	G	P		P	P		G	G	
Carbonic Acid				G	G				
Carbon Monoxide				G	G				
Carbon Tetrachloride				P	P		P	P	
Casein				G	G				
Castor Oil				G	L		L	P	
Caustic Soda				G	G				
Chlorine Dry Gas	P	P	P	P	P		P	P	
Chlorine Water				P	P		G	G	2%
							G	P	Sat'd
Chloroform				P	P		P	P	
Chromic Acid Plating soln	P			P		10%	L	L	
Cider	G			G			G	G	
Citric Acid	G	L	P	G	G	50%	G	G	
Coal Gas	G			P		Permeates			
Copper Cyanide				G	G				
Copper Nitrate				G	G				
Copper Sulphate	G	G	G	G	G		G	G	
Creosote				P	P		P	P	
Cresol(s)				P	P		P	P	
Crude Oil	G	P		P	P		L	P	
Cyanide				G	G		G	G	
Cyclohexane	G	L					P	P	
Cyclohexanol	G	P		P	P		L	P	
Cyclohexanone									
D									
D D T Preparation	G								
Decalin	G	G	L						
Detergents Alkaline				G		to 25%	G	G	
Detergents, synthetic				G	G		G	G	
Dextrin (starch Gum)				G	G		G	G	
Dextrose				G	G		G	G	
Di Acetone Alcohol	G	L	P						
Di Ammonium Phosphate	G	L		P	P		L	P	
Di Butyl Phalate				P	P				
Di Chloro Ethane				P	P				
Di Chloro Methane				P	P				
Di Ethanolamine	G	L	L				L	P	
Di Ethyl Ether	G			P	P		P	P	
Di Isocyanate				P	P				
Di Methyl Formamide				P	P				
Di Methyl Sulphoxide				P	P				
Di Octyl Phosphate	G	L	L						
Di Octyl Phthalate	G	G		P	P		L	P	
Di Sodium Phosphate				G	G		G	G	
Diesel Fuels				G	L		L	P	
Developers Photographic				G	G				
Dextrose				G	G				
Dichlorethylene				P	P				
E									
Ethane				G	G				
Ethanol	L	P		G	L	20%	G	G	35-100%
Ethyl Acetate	G	G		P	P		L	P	
Ethylene Chlorohydrin	P			P	P				
Ethylene Chloride				P	P		P	P	
Ethylene Di Chloride				P	P		P	P	
Ethyl Ether				P	P		P	P	
Ethylene Glycol				G	L	30%	G	G	
				L	L	100%			
Ethylene Oxide	G	L	P	P	P		P	P	
F									
Fatty Acids Esters	G	G	G						
Ferric Chloride				G	G		L	L	
Fixing Solution, Photograph				G	G				
Flavours & Essences							G	G	
Fluorine	P			G	P		L	P	
Formaldehyde 40%	G	P		L	L	37%	G	L	

Chemicals	NYLON			FLEXIBLE PVC			EVA		
	20°C	60°C	80°C	20°C	55°C	NOTES	20°C	60°C	NOTES
F									
Formic Acid				G	G	10%	G	G	3-100%
				L	P	50%			
				P	P	100%			
French Polish				G	P		G		
Fruit Juices	G			G			G	G	Lemon
Fuel Oil				G	G		L	P	
Furfuryl Alcohol	G	L	P	G	G		P	P	
G									
Gases, Coal or Town									
Gases, Natural				G					
Gas Oil	G	L		G	G		L	P	
Gas, Liquefied Petroleum				G	G				
Glucose	G	G	G	G	G		G	G	
Glycerine	G	L	P	G	G		G	G	
Glycol	G	L	P	G	L	30%	G	G	
				L	L	100%			
Grape Sugar				G	G		G	G	
Grease, General	G	G	G	G	G		L	P	
Grease, Mineral	G	G	G	G	L		L	P	
Ground Nut Oil				G	L		L	P	
H									
Heptane				G	L		P	P	
Hexadecanol				G	G				
Hexane				G	L				
Hydrazine				P					
Hydrobromic Acid				G	G				
Hydrochloric Acid	G	P	P	G	G	10%	G	G	Dil
				G	G	25%	L	L	Conc
				G	L	37% Conc			
Hydrofluoric Acid				G	L	40%	G	G	4%-60%
				P	P	60%	G	L	Conc
Hydro Fluosilicic Acid				P	P	20%	G	G	31%
Hydrogen	G	G	G	G	G		G	G	
Hydrogen Peroxide (100Vols)	G	L		G	L	10-30%	G	G	30%
Hydrogen Sulphide Gas									
I									
Iodine, Tincture of				L	P				
Iodine, Sol'n in Pot. Iodide				P	P		L	P	
Industrial Methylated Spirits				G	G		L	P	
Iso Cyanates				P	P		P	P	
Iso Propyl Alcohol				G	P		G		
J									
Jet Fuel JP - 4				G	G		L	P	
K									
Kerosene				G	G		L	P	
L									
Lactic Acid	G	G	L	G	L	10%	G	G	90%
				P	P	100%			
Lanoline				G	G				
Lead Acetate				G	G		G	G	
Lead Nitrate				G	G				
Lime Solution				G	G		G	G	
Linseed Cake	G	G	G						
Linseed Oil				L	L		L	P	
M									
Magnesium Chloride	G	G	G	G	G		G	G	
Magnesium Hydroxide				G	G		G	G	
Magnesium Nitrate				G	G				
Melamine Acid				P	P				
Mercuric Cyanide				G	G		G	G	
Mercurous Nitrate				G	G				
Mercury	G	G	G	G	G		G	G	
Metallic Soaps				G	G				
Methane	G	G	G	G					
Methanol				G	G				

CHEMICAL RESISTANCE CHART

Chemicals	NYLON			FLEXIBLE PVC			EVA			Chemicals	NYLON			FLEXIBLE PVC			EVA		
	20°C	60°C	80°C	20°C	55°C	NOTES	20°C	60°C	NOTES		20°C	60°C	80°C	20°C	55°C	NOTES	20°C	60°C	NOTES
M										S									
Methylated Spirit				P	P		L	P		Sodium Carbonate	G	L	P	G	G		G	G	
Methyl Seetate	G	G	G	P	P		P	P		(washing soda)									
Methyl Bromide	G	P		P	P		P	P		Sodium Chlorate				G	G		G	G	
Methyl Ethyl Ketone (MEK)	G	L	P	P	P		L	P		Sodium Chloride	G	G	G	G	G		G	G	
Methylene Chloried				P	P		P	P		(common salt)									
Methyl Iso Butyl Ketone (MIBK)	G	L	P	P	P		P	P		Sodium Fluoride				G	G				
Methyl Sulphate	G	L		L	P					Sodium Hydroxide	G	P		G	P	50%	G	G	
Milk	G	G	G	G	P		G	G		(caustic soda)									
Mineral Oils				G	P					Sodium Hypochloride				G	L	15%	G	G	
Molasses				G	G													15%	
Mustard	G						G			Sodium Nitrate				G	G	30%	G	G	
										Sodium Sulphide	G	L	P	G	G	2.5%	G	G	
N																		15%	
Naphtha (mix of hydrocbns)				P	P		L	P		Sodium Sulphite				G			G	G	
Napthalene	G	G	L	P	P		P	P		Sodium Tetraborate (borax)				G	G		G	G	
Natural Gas				G			G			Soft Soap	G			G			G	G	
Nickel Chloride				G	G		G	G		Starch				G	G				
Nickel Nitrate				G	G		G	G		Stearic Acid	G	G	L	G	G		G	G	
Nitric Acid	P			G	L	30%	L	L	30-50%	Sulphur	G	G					G	G	
	P			G	L	50%	P	P	Conc	Sulphur Dioxide				G	G	Dry	G	G	
				P	P	95%								L	P	Moist	G	P	
Nitrobenzene				P	P													Dry	
Nitrous Oxide Gas				G	P					Sulphur Trioxide	L	P					P	P	
Nitrogen	G			G			G			Sulphuric Acid	G	L	P	G	G	10-45%	G	L	
														G	L	50%	P	P	
														L	P	60-80%	P	P	
														P	P	98%			
										Sulphamic Acid				P					
										Synthetic Detergents				G	L				
O										T									
Oil, Animal				G	L		L	P		Tannic Acid				G	G				
Oil, Crude				G	L		P	P		Tartaric Acid	G	G	L	G	G		G	G	
Oil, Diesel				G	L		L	P		Tetra Ethyl Lead	G			G	L		G	P	
Oil, Hydraulic - Petroleum bs				G	L					Toluene	G	L	L	P	P		P	P	
Oil, Hydraulic - Synthetic bs				G	L					Transformer Oil				G	L		P	P	
Oil, Mineral	G	G	G	G	L		L	P		Tri Butyl Phosphate	G	G	L	P	P		L	P	
Oil, Vegetable				G	L		L	P		Trichloroethane	L	P		P	P		P	P	
Oleic Acid	G	G	L	G	L		P	P		Trichloroethylene	L	P		P	P		P	P	
Oxalic Acid	G	L	P	G	G		G	G		Tri Cresol Phosphate	G	G	L	P	P		P	P	
Oxygen	G	G	G	G	L		G	G		Tri Sodium Phosphate	G	G	G	G	G		G	G	
Ozone	L	P		G			P	P		Turpentine				G	G		L	P	
										U									
P										Urea Formaldehyde Solution				P	P				
Paraffin	G	L		G	P		L	P		Urea Solution	G	L	P	G			G	G	
Petrol				G	L		P	P		Uric Acid	G	G	L				G	G	
Petrol - unleaded				P	P		P	P		V									
Petroleum Ether				G	L		P	P		Vegetable Oils				G	L				
Phenols (Carbonic Acids)				L	P		P	P		Vinegar	G	G	G	G	L		G	G	
Phosphates				G	G					W									
Phosphoric Acid	G	P		G	G	25-50%	G	G	85%	Water	G	G	G	G	G		G	G	
Phosphorus Pentoxide				G			G	G		Wetting Agents				G	G				
Photographic Emulsions				G	G					White Spirit				G	L		L	P	
Pictric Acid	L	P		G	G	1%	L	L	1%	Wines & Spirits	G	G		G	L		G		
Polyeater Emulsions				P						X									
Polyglycol Ethers				P	P					Xylene (Xylol)	G	L	L	L	L		P	P	
Potassium Bromate				G	G					Y									
Potassium Chloride				G	G					Yeast				G	G		G	G	
Potassium Cyanide				G	G					Z									
Potassium Dichromate				G	G		G	G	40%	Zinc Chloride				G	G		G	G	
Potassium Fluoride				G	G														
Potassium Hydroxide	G	G		G		30%	G	G	20%										
	G	P		L	L	50%													
				L	P	Conc													
Potassium Nitrate	G	P		G	G		G	G											
Potassium Permanganate	P			G	G	10%	P	P	20%										
Potassium Sulphate	G	G	G	G	G		G	G											
Propane	G	G	G	G	L														
Propylene Glycol				G	L														
Pyridine	L	P																	
S																			
Sea Water	G	G	G	G	G		G	G											
Silver Nitrate				G			G	G											
Soap Solution	G			G			G	G											
Soda Water	G	G	G	G	G		G	G											
Sodium Bicarbonate				G	G		G	G											

KEY:

G = Good Resistance

L = Limited Resistance. Attack will occur giving shortened life.

P = Poor Resistance. Rapid attack will occur.



H.I.S. HOSE

Proprietary Limited



ON-SITE INSTALLATION & SERVICE

1800 803 222

FLUID POWER SERVICE