

T	F	E	
1800 803 236	1800 805 086	sales@iconplastics.com.au	Effective Feb 2017

iconplastics.com.au

W

Barfell



Capabilities

Icon Plastics is a privately owned and operated Australian business employing approximately 250 staff. Operating for over 50 years the internal strengths and opportunities have cemented Icon's place in the Australian plastics conversion market. Both viable and diversified, Icon is in good stead to continue growing in the future.

Icon's ability to meet customer requirements and quality expectations have earned us the reputation of a supplier that can be counted on.

icon Australia

- 2 sites in **Hallam** (head office)
- **Seaford**
- **Doveton**
- **Brisbane**

Offices:

- South Australia
 - New South Wales
 - Tasmania
 - Western Australia
-
- South Africa



Brisbane

Size	11,000 m ²
Equipment	16 Extruders 25mm to 90mm [twin screw PVC] 17 Injection moulding [15 tonne up to 350 tonne]
Tool Room	
Assembly	

With warehouses and representation in all Australian states, USA, Europe, South America, Asia and New Zealand and exporting to 28 countries and quality accreditations including Quality TS-16949:2008 and ISO9001:2008, Icon Plastics clearly has the capacity and experience to deliver from the simple to the complex; the small to large; the local to global!

Employing approximately 250 staff at 4 manufacturing locations in Victoria and Queensland



Hallam

Size 11,000 m2

Equipment 23 Injection moulders [up to 1,500 tonnes]

25Lt Blow moulders

2 Vertical 35T - 80T

17 Extruders [1/4 inch up to 6 inch]

Co-Extrusion capabilities

Dual (twin) material injection moulding

Assembly

Tool Room

Doveton

HASAP | TGA APPROVED



Size 2,000 m2

Equipment 11 Extruders

Exclusive "Tube Extrusion"

Seaford

HASAP | TGA APPROVED



Size 3,000 m2

Equipment 14 Blow moulders [5Lt]

2 Injection blow machines

2 Preformer machines





7 Injection moulding [up to 400 tonnes]

2 Liquid Silicone Rubber [up to 200 tonnes]

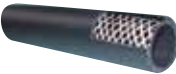


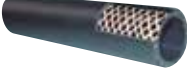
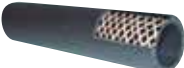

Screen printing and pad printing

Assembly







BARFELL – Pressure Hose

Illustration	Code	Nominal in mm's		Working Pres.@ 20 °C		Burst Pres.@ 20 °C		Weight Kg/m	Coil Lengths in Metres	Colour		
		I.D.	O.D.	Mpa	P.S.I.	Mpa	P.S.I.					
 Super Ultraflex Exceed: AS/NZ2554 Class B for burst pressure, wall thickness, abrasion resistance, weathering resistance, low temperature	201650	6	12.8	2.0	290	8.0	1,160	0.13	20, 100s, 300r	Inner Wall: Black		
	201652	8	14.8	2.0	290	8.0	1,160	0.16	20, 100s, 300r			
	201654	10	16.6	2.0	290	8.0	1,160	0.17	20, 30, 80s, 100, 300r	Outer Wall: Yellow with Blue Stripe		
	201656	12.5	19.3	2.0	290	8.0	1,160	0.19	20, 55s, 100, 250r			
	201658	20	29.0	1.6	230	6.4	920	0.45	20, 100			
	201660	25	34.6	1.6	230	6.4	920	0.62	20, 100			
	201662	31.5	42.9	1.6	230	6.4	920	1.15	20, 60			
201664	38	50.6	1.6	230	6.4	920	1.56	20, 40				
201666	50	63.0	1.6	230	6.4	920	2.40	20, 40				
Applications		Suitable for general purpose air & water supply. Also suitable for the conveyance of liquids, gases and many chemicals. Ideal for high pressure air lines and compressors.						Decription				
		General purpose air and water hose with a highly distinctive yellow & blue stripes, optimum flexibility, resilience & kink resistance.										
 BLUE COLD FLEX Meets AS/NZ2554 Class B.	201391	6	12.8	2.0	290	8.0	1,160	0.13	20, 100, 300r	Innerwall Black		
	201411	8	14.0	2.0	290	8.0	1,160	0.13	20, 100, 300r			
	201441	10	16.6	2.0	290	8.0	1,160	0.18	20, 30, 70s, 100, 200r	Outerwall Smooth Blue		
	201461	12.5	19.3	2.0	290	8.0	1,160	0.22	20, 50s, 100, 200r			
	201463	19	26.5	1.6	230	6.4	920	0.51	20, 100			
Applications		Air lines to all pneumatic tools and portable equipment.						Decription				
		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.										
 TMP II Meets: AS2070 1999, with a food contact inner and outer covering.	201105	6	10.2	1.4	200	5.6	800	0.08	20, 100s, 300r	Inner wall Clear		
	201108	8	12.4	1.4	200	5.6	800	0.10	20, 100s, 300r			
	201111	10	15.0	1.4	200	5.6	800	0.14	20, 80s, 100, 300r	Outer wall		
	201151	12.5	18.1	1.4	200	5.6	800	0.19	20, 55S, 100, 250r			
	201156	16	22.8	1.4	200	5.6	800	0.30	20, 100	Clear with Yellow and Blue Stripes		
	201161	20	27.6	1.4	200	5.6	800	0.40	20, 100			
	201166	25	33.4	1.4	200	5.6	800	0.54	20, 100			
	201176	31.5	40.9	1.2	175	4.8	700	0.97	20, 60			
	201186	38	49.8	1.2	175	4.8	700	1.32	20, 40			
	201188	50	64.2	0.9	131	3.6	524	2.12	20, 40			
Applications		Suitable for air, water, food and beverage liquids and semi liquids and petroleum based products.						Decription				
		A Translucent multi purpose food contact hose. It meets AS-2070 1999, with a foodcontact inner and outer covering. The hose is highly flexiblebut kink resistant with a highly distinctive dual striping.										
 SPRAY FLEX 300 CHEMICAL	201308	8	14.4	2.1	297	8.4	1,188	0.15	20, 100, 200r	Innerwall Blue		
	201310	10	16.4	2.1	297	8.4	1,188	0.19	20, 100, 200, 300r			
	201320	12.5	19.0	2.1	297	8.4	1,188	0.22	20, 50, 100, 250r	Outer wall Smooth Black		
	201325	20	27.5	2.1	297	8.4	1,188	0.42	20, 100, 100r			
	201327	25	35.2	2.1	297	8.4	1,188	0.63	20, 100			
	201329	31.5	42.5	2.1	297	8.4	1,188	0.66	20, 30, 60			
	201330	38	52.0	2.1	297	8.4	1,188	1.35	20, 60			
Applications		Transferring diluted weedicides, pesticides in general agricultural and horticultural applications.						Decription				
		Ideal for transferring a widerange of demanding chemicals in general industry.										





BARFELL – Pressure Hose

Illustration	Code	Nominal in mm's		Working Pres.@ 20 °C		Burst Pres.@ 20 °C		Weight Kg/m	Coil Lengths in Metres	Colour
		I.D.	O.D.	Mpa	P.S.I.	Mpa	P.S.I.			
	202664	10	16.4	2.1	297	8.4	1,188	0.19	30, 100, 200r	Innerwall Black
	202666	12.5	19.0	2.1	297	8.4	1,188	0.22	30, 100, 200r	Outerwall
	202668	19	27.5	2.1	297	8.4	1,188	0.42	30, 100	Smooth Black
AG SPRAY BLACK	Applications Transferring diluted weedicides, pesticides in general agricultural and horticultural applications.				Description A general purpose agricultural spray and chemical hose for medium pressures. Lower superior resistance to solvents and longer life.					
	201204	10	17.0	2.1	300	8.4	1,200	0.27	20, 100	
	201206	12.5	20.5	2.1	300	8.4	1,200	0.37	20, 100	
	201208	19	29.0	2.1	300	8.4	1,200	0.60	20, 100	
HI TEMPERATURE MULTI PURPOSE HOSE	Applications Multipurpose hose suitable for higher temperatures where general purpose rubber hoses have been traditionally used. An excellent hot wash hose.				Description A new specialty hose with extremely high resistance to many chemicals including biodiesel and other hydrocarbons and solvents. Also retains strength at					
Note 12.5 mm Biodiesel hose tested to 4.8 Mpa burst at 95 degrees C when										
	231493	6.4	12.8	2.6	375	10.4	1,500	0.13	LPG 20, 100	Innerwall Black
	231071	8	15.0	1.3	180	5.0	725	0.17	Class A 20, 100	Outerwall Beige
	231084	10	18.5	2.6	375	10.4	1,500	0.26	Class C 20, 100	
BARFELL GAS HOSE					Description Conforms to AS1869					
	201470	19	27.0	1.0	145	4.0	580	0.36	20, 100	Inner Wall: Black PVC/Nitrile Blend
	201481	25	33.5	1.0	145	4.0	580	0.55	20, 60	
	201481-003	25	33.5	1.0	145	4.0	580	0.55	3m Retail Pack	Outer Wall: Smooth Black with antistatic wires
DRUM PUMP BLACK	Applications Both the 19 & 25 mm hoses includes twin antistatic copper wires for increased safety when used to transfer volatile solvents.				Description Dispensing fuels from overhead tanks and drums. Petrol and oil resi-stant 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 temperaire flexibility.					
	201500	19	26.0	1.0	145	4.0	580	0.36	20, 30, 36, 50, 100	Innerwall Black
	201510	25	32.0	1.0	145	4.0	580	0.55	20, 30, 36, 100	Outerwall RibbedBlack
FIRE REEL HOSE BLACK	Applications Stationary or mobile hose reels in fire control systems located in commercial or public buildings. Also an excellent general purpose water delivery hose.				Description The hose is lightweight, flexible, resistant to UV light and has self extinguishing properties.					
Manufactured to AS/NZ122										
	201600	8	14.3	1.6	235	6.4	940	0.14	50,100,300r	Innerwall White
	201610	10	17.2	2.5	365	10.0	1,460	0.22	50,100,300r	Outerwall Smooth Yellow
DIVERS AIR BREATHER	Applications Diving, air breathing applications.				Description Approved braided divers air breathing hose for professional and sports diving. Also suitable for breathing apparatus for spray booths and sand blasting. Conforms to AS2299 and AS/NZ1716. Outer cover pricked for added safety. Extremely low odor inner tube.					
Manufactured to AS2299 and AS/NZ1716.										

BARFELL – Pressure Hose

Illustration	Code	Nominal in mm's		Working Pres. @ 20 °C		Burst Pres. @ 20 °C		Weight Kg/m	Coil Lengths in Metres	Colour
		I.D.	O.D.	Mpa	P.S.I.	Mpa	P.S.I.			
 FRAS Manufactured to AS2660 Class A (1991) and AS/NZ2554 Class A.	201780	10	18.0	2.1	305	8.4	1,200	0.25	20, 100	Innerwall Black Outerwall Ribbed Yellow with Black Stripe.
	201782	12.5	20.9	2.1	305	8.4	1,200	0.26	20, 30, 100	
	201784	20	29.4	2.1	305	8.4	1,200	0.58	20, 30, 100	
	201786	25	34.8	2.1	305	8.4	1,200	0.71	20, 30, 100	
	201790	38	48.8	2.1	305	8.4	1,200	1.19	20,, 150, 200	
	201792	50	62.4	2.1	305	8.4	1,200	1.80	20, 100, 200	
Applications Underground air and water mining hose.								Decription Fire resistant anti static hose with unique 3 layer construction that offers optimum performance and handling characteristics.		
 MINE BOLT Manufactured to AS2660 Class A (1991) and AS/NZ2554 Class A.	201795	12.5/25	20.9/34.8	2.1	305	8.4	1,220	1.51	100	Innerwall Black Outerwall Ribbed Yellow with Black Stripe.
	Applications Underground air and water mining hose and ideal for rockbolting								Decription Fire resistant anti static twin hose with 12.5mm and 25 mm hoses permanently coupled together as one hose. Each hose has a unique 3 layer construction that offers optimum performance and handling characteristics.	
 ESTATE BLULINE	201900	12.5	19.0	1.0	145	4.0	580	0.22	20, 100	Innerwall Black Outerwall Smooth White with Blue Stripes
	201910	19	26.5	1.0	145	4.0	580	0.40	20, 30, 100	
	201920	25	34.0	1.0	145	4.0	580	0.58	20, 30, 100	
	201930	31.5	42.0	1.0	145	4.0	580	0.85	20, 30, 100	
	201940	38	49.5	1.0	145	4.0	580	1.11	20, 30, 60	
Applications All commercial parks, gardens and turf watering applications. Ideal as a general cold water wash down hose in cattle yards and dairies								Decription 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.		
 PASTORAL WHITE	201350	12.5	19.0	1.2	175	4.8	700	0.22	20, 100	Innerwall Black Outerwall Ribbed White
	201355	19	26.5	1.2	175	4.8	700	0.37	20, 100r	
	201360	25	34.0	1.0	145	4.0	580	0.58	20, 100	
	201365	32	43.0	1.0	145	4.0	580	0.90	20, 100	
Applications Parks and gardens, general rural use.								Decription A ribbed cold water wash down hose and general purpose water hose. Good flexibility and abrasion resistance make the hose the ideal choice for dairy washdown or general parks and gardens watering.		
 HOT WASH WHITE Rated to 85°C when used at low pressure.	201560	12.5	19.7	2.0	290	8.0	1,160	0.28	20, 100	Innerwall White Outerwall White with smooth TPR surface
	201570	19	28.0	1.8	250	7.2	1,000	0.48	20, 100	
Applications Hot washdown of all food preparation and retail areas, where milk, fats and other food products are present.								Decription Highest grade hose for hot washdown use in the food industry. The thermoplastic rubber smooth outer cover is highly resistant to lactic acid and fats.		
 GARDEN HOSE GREEN	201230	12	17.0	0.6	90	2.4	360	0.15	20, 30, 100, 200r	Innerwall Black Outerwall Green with two yellow stripes
	201240	19	25.2	0.6	90	2.4	360	0.31	20, 30, 100r	
Applications General domestic use.								Decription A high quality reinforced flexible garden hose. Excellent kink resistant and good UV light resistance.		

BARFELL – Pressure Hose

Illustration	Code	Nominal in mm's		Working Pres. @ 20 °C		Burst Pres. @ 20 °C		Weight Kg/m	Coil Lengths in Metres	Colour
		I.D.	O.D.	Mpa	P.S.I.	Mpa	P.S.I.			
 WASHING MACHINE HOSE	201556	10	16.8	2.0	290	8.0	1,160	0.18	20	Innerwall Black Outerwall Ribbed White
	201540	12.5	20.5	2.0	290	8.0	1,160	0.19	20, 100	
	Applications Washing machine water inlet hoses, hot and cold.				Decription Designed for hot and cold water connections to washing machines. Will not mark painted walls or enamelled appliances.					
 DRINKING WATER HOSE	201030	12	17.0	0.8	110	3.0	440	0.23	20, 100	Innerwall Clear Outerwall Smooth White with Blue stripes.
		Applications Transferring potable water to caravans, boats or drinking containers.				Decription For the transfer of drinking water. Manufactured to AS2070 1999 and AS4020 to ensure that there is no taint or smell imparted to the drinking water.				
 LILAC RECLAIMED WATER	201845	18.5	25.5	1.0	145	4.0	580	0.27	20, 100	Innerwall Black Outerwall Smooth Lilac
	201850	25	34.4	1.0	145	4.0	580	0.60	20, 100	
The tube 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.				Decription A hose specially formulated to use with reclaimed water. Its Lilac cover complies with the international standard for use with reclaimed water.					
 LILAC TUBE RECLAIMED WATER	201855	18	24.0	0.4	50			0.19	20, 100r	Innerwall Black Outerwall Smooth Lilac
	201856	25	31.0	0.4	50			0.36	20, 100r	
The tube has "RECLAIMED WATER NOT FOR DRINKING" printed along its length for added safety.	Applications Garden hose, parks & gardens where lower pressure reclaimed water is used.				Decription A tube specially form ulated for use with reclaimed water in lower pressure applications. Its Lilac cover complies with the international standard for use with reclaimed water.					

BARFELL — Tubing




Illustration	Code	Nominal in mm's		Type	Weight Kg/m	Coil Lengths in Metres	Applications	Description	Colour
		I.D.	O.D.						
 ANFO BLAST TUBE Conforms to AS2187.2 - 1993 Not available in custom lengths	285011	19	26.0	Rigid	270	30	For the transfer of ANFO explosives.	Wall Black with Orange Stripe	
	285016	25	33.0	Rigid	450	30, 60			
	285010	19	26.0	Flexible	370	30			
	285015	25	33.0	Flexible	610	30, 60			

Illustration	Code	Nominal in mm's		Working Pres. @ 20 °C		Weight Kg/m	Coil Lengths in Metres	Applications	Description
		I.D.	O.D.	Mpa	P.S.I.				
 PVC NON TOXIC CLEAR Wall Translucent +10 Calfateria Tube	204010	3	5.0	0.9	125	17	30, 300s	Suitable for food & beverage fluids, medical drainage and low pressure general delivery lines.	Non toxic tube manufactured to AS2070 1999 with excellent clarity, flexibility and mirror smooth bore for low friction flow.
	204020	4	7.0	0.8	120	35	30		
	204030	5	8.0	0.8	115	42	30, 100s		
	204040	6	9.0	0.6	90	48	30, 100s		
	204050	8	11.0	0.5	75	61	30, 150s		
	204060	10	13.0	0.4	60	74	30, 130s		
	204570	+ 10	15.0	0.6	90	134	30		
	204070	12.5	15.5	0.5	70	90	30, 90s		
	204080	16	19.0	0.4	60	113	30, 60s		
	204090	19	23.0	0.4	50	181	30		
	204100	25	31.0	0.4	50	360	30		
	204110	32	38.0	0.3	40	452	30		
	204120	38	46.0	0.3	40	712	30		
204140	50	60.0	0.3	40	1,165	15			

 EVA BEVERAGE Wall Translucent	204950	4	7.0	0.28	40	24	100	Dispensing beverages, including beer and mixed drinks. Transferring most fluid and semi fluid foodstuffs.	Formulated from Ethylene Vinyl Acetate, a food grade compound, it will not taint foodstuff and beverages. It has good flexibility, a mirror smooth bore and excellent abrasion resistance.
	204955	5	8.0	0.28	40	30	100		
	204960	6	10.0	0.28	40	49	100		
	204965	8	12.5	0.28	40	70	100		
	204970	10	15.0	0.28	40	93	100		
	204975	12.7	17.5	0.28	40	110	100		




 NYLON Wall Available in Black and Natural (Translucent)	204950	4	7.0	0.28	40	24	100	Dispensing beverages, including beer and mixed drinks. Transferring most fluid and semi fluid foodstuffs.	Formulated from Ethylene Vinyl Acetate, a food grade compound, it will not taint foodstuff and beverages. It has good flexibility, a mirror smooth bore and excellent abrasion resistance.
	204955	5	8.0	0.28	40	30	100		
	204960	6	10.0	0.28	40	49	100		
	204965	8	12.5	0.28	40	70	100		
	204970	10	15.0	0.28	40	93	100		
	204975	12.7	17.5	0.28	40	110	100		

Illustration	Code	Nominal O.D.	Nominal Wall Thickness	Working Pres. @ 20°C		Weight Kg/m	Coil Lengths in Metres	Name	
				Mpa	P.S.I.				
 NYLON	205500	4mm	0.70 mm	2.0	290	7.6	100	<i>Flexible Metric</i>	
	205505	5mm	0.85 mm	2.0	290	11.8	100		
	205510	6mm	1.0 mm	2.0	290	16.6	100		
	205515	8mm	1.4mm	2.0	290	30.9	100		
	205520	10mm	1.7mm	2.0	290	47.2	100		
	205525	12mm	2.0 mm	2.0	290	66.8	100		
	205530	1/8"	0.019"	1.7	250	4.4	100		<i>Flexible Imperial</i>
	205535	3/16"	0.031"	1.7	250	10.0	100		
	205540	1/4"	0.040"	1.7	250	17.7	100		
	205545	5/16"	0.049"	1.7	250	26.9	100		
205550	3/8"	0.058"	1.7	250	39.7	100			
205555	1/2"	0.076"	1.7	250	68.6	100			
205560	5/8"	0.065"	0.9	125	80.4	100			
205565	3/4"	0.080"	0.9	125	117.1	100			
	205600	3/16"	0.039"	4.3	625	12.5	100	<i>Semi Rigid Imperial - Black Only</i>	
	205605	1/4"	0.050"	4.3	625	21.6	100		
	205610	5/16"	0.062"	4.3	625	33.8	100		
	205615	3/8"	0.074"	4.3	625	48.5	100		
	205620	1/2"	0.097"	4.3	625	87.1	100		
 Wall Available in Yellow	205000	6	0.8	1.2	174	20.5	30	<i>Self Store</i>	
	205005	10	1.1	1.2	174	39.5	30		
	205010	12.5	1.6	1.2	174	77.2	30		


Applications


Pneumatic and hydraulic control systems, fuel tubing, air and gas tubing. Also ideal for handling weed killing solutions, refrigerants, fresh and sea water, fumigants, paints and lacquers and many other products.


Decription

Nylon pressure tubing is made from premium quality raw materials and precision engineered to ensure simplicity of connections with fittings and adaptors.

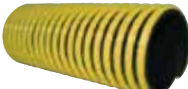
BARFELL – Barflex PVC Suction Hose

Illustration	Code	Nominal in mm's		Vacuum Rating KPa/20°C	Working Pres. @ 20°C		Weight Kg/m	Min Bend Radius in mm	Coil Lengths in Metres	Name
		I.D.	O.D.		Mpa	P.S.I.				
	206100	25.2	31.4	-90.0	1.0	145	0.38	120	20	GREY HD GENERAL PURPOSE
	206110	31.8	38.6	-90.0	0.9	130	0.51	150	20	
	206120	38.4	45.6	-90.0	0.8	115	0.67	200	20	
	206125	44.4	52.6	-90.0	0.7	100	0.83	240	20	
	206130	50.8	59.6	-90.0	0.7	100	1.03	270	20	
	206140	63.7	73.3	-90.0	0.6	85	1.45	330	20	
	206150	76.0	88.0	-90.0	0.6	85	2.25	440	20	
	206160	102.2	116.0	-90.0	0.5	75	3.04	620	20	
	206170	127.8	143.0	-90.0	0.5	75	4.16	860	20	
	206180	150.0	170.0	-90.0	0.3	45	6.46	1,100	20	
Colour		Grey		Chemical Resistance Good			Weathering Properties Good			
Temperature Range		-5°C to +60°C		Flexibility		Good		Abrasion Resistance Excellent		
Applications					Decription					
Conveyance of water, slurries, sludge, waste matter, some chemicals, granules, sand & gravel. Widely used in the general manufacturing and building industries.					A heavy duty suction/discharge hose. It is strong and durable with a rigid PVC spiral. Mirror smooth bore for increased pumping and pumping efficiency					

	207492	25.2	31.4	-90.0	1.0	145	0.38	120	20	BLACK HD GENERAL PURPOSE
	207494	31.8	38.6	-90.0	0.9	130	0.51	150	20	
	207496	38.4	45.6	-90.0	0.8	115	0.67	200	20	
	207498	50.8	59.6	-90.0	0.7	100	1.03	270	20	
	Colour		Black		Chemical Resistance Good			Weathering Properties Excellent		
Temperature Range		-5°C to +60°C		Flexibility		Good		Abrasion Resistance Excellent		

	206800	25.2	34.0	-90.0	0.7	100	0.55	80	20	SUPER 'E' HD
	206810	31.8	41.0	-90.0	0.7	100	0.70	120	20	
	206820	38.4	48.0	-90.0	0.6	85	0.87	180	20	PETROL & OIL
	206830	50.8	62.0	-90.0	0.5	75	1.33	220	20	
	206840	63.7	76.0	-90.0	0.5	75	1.81	270	20	
	206850	76.0	90.0	-90.0	0.5	75	2.44	350	20	
	206860	102.2	117.0	-90.0	0.4	60	3.41	550	20	
	206880	150.0	170.0	-90.0	0.35	52	6.73	980	Made to order	
Colour		Dark Blue		Chemical Resistance Excellent			Weathering Properties Good			
Temperature Range		-5°C to +60°C		Flexibility		Excellent		Abrasion Resistance Excellent		
Applications					Decription					
Collection of waste on environmental waste trucks, pumping the contents of grease pits, sewage collection, pumping of fuels, lubricants and most chemicals.					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.					

BARFELL – Barflex PVC Suction Hose

Illustration	Code	Nominal in mm's		Vacuum Rating KPa/20°C	Working Pres. @ 20°C		Weight Kg/m	Min Bend Radius in mm	Coil Lengths in Metres	Name
		I.D.	O.D.		Mpa	P.S.I.				
	206045	44.5	55.5	-80.0	0.3	45	0.64	180	20	
	206060	50.8	61.0	-80.0	0.3	45	0.88	220	20	TIGERTAIL HD
	206065	63.7	77.0	-80.0	0.3	45	1.27	270	20	PETROL & OIL
	206070	76.0	91.0	-80.0	0.3	45	1.62	350	20	
	206075	102.0	118.0	-80.0	0.3	45	2.43	450	20	
	206080	127.8	149.0	-80.0	0.3	45	3.99	475	20	
	206085	150.0	172.0	-80.0	0.3	45	5.10	500	20	
	206090	200.0	224.0	-80.0	0.3	45	7.55	650	Made to order	


Colour Black with Exposed Yellow Spiral **Chemical Resistance** Excellent **Weathering Properties** Good
Temperature Range -5°C to +60°C **Flexibility** Excellent **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.

Decription

An extremely flexible suction/discharge hose with a hard wearing exposed rigid PVC spiral. Excellent chemical resistance, making the hose suitable for diesel fuels petrol, oils, sewage and chemicals.

	206380	19.3	24.9	-90.0	0.65	95	0.26	40	20	BLACK BOSS MD
	206382	25.2	32.0	-90.0	0.65	95	0.41	65	20	
	206384	31.8	39.0	-90.0	0.65	95	0.54	100	20	PETROL & OIL
	206386	38.4	46.2	-90.0	0.55	80	0.70	150	20	
	206388	50.8	60.0	-90.0	0.45	65	1.07	190	20	
	206390	63.7	74.1	-90.0	0.45	65	1.50	230	20	
	206392	76.0	89.0	-90.0	0.45	65	2.25	330	20	
	206393	102.2	116.0	-90.0	0.40	60	3.04	520	20	


Colour Black **Chemical Resistance** Excellent **Weathering Properties** Good
Temperature Range -5°C to +60°C **Flexibility** Excellent **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.

Decription

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

	206903	25.2	32.0	-90.0	1.0	145	0.41	65	20	BLUELINE
	206905	31.8	39.0	-90.0	0.9	130	0.54	100	20	
	206907	38.4	46.2	-90.0	0.9	130	0.70	150	20	OIL & TANKER
	206910	50.8	60.0	-90.0	0.7	102	1.07	190	20	
	206912	63.7	74.1	-90.0	0.6	87	1.50	230	20	
	206914	76.0	89.0	-90.0	0.6	87	2.25	330	20	
	206916	102.2	116.0	-90.0	0.5	72	3.04	520	20	

Colour Blue **Chemical Resistance** Excellent **Weathering Properties** Good
Temperature Range -5°C to +60°C **Flexibility** Excellent **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.

Decription

Medium duty flexible PVC suction/discharge hose. Good resistance to chemicals and oil. Highly at low temperatures and a mirror smooth bore for pumping efficiency.

BARFELL – Barflex PVC Suction Hose

Illustration	Code	Nominal in mm's		Vacuum Rating KPa/20°C	Working Pres. @ 20°C		Weight Kg/m	Min Bend Radius in mm	Coil Lengths in Metres	Name
		I.D.	O.D.		Mpa	P.S.I.				
	206500	25.2	34.0	-90.0	0.7	100	0.60	160	20	WINE
	206510	31.8	41.0	-90.0	0.7	100	0.71	190	20	
	206520	38.4	48.0	-90.0	0.6	85	0.82	230	20	FOOD & BEVERAGE
	206530	50.8	62.0	-90.0	0.5	75	1.20	290	20	
	206540	63.7	76.0	-90.0	0.5	75	1.73	360	20	
	206550	76.0	90.0	-90.0	0.5	75	2.29	450	20	Made to order
	206560	102.2	117.0	-90.0	0.4	60	3.33	640	20	
	206570	127.8	143.0	-90.0	0.4	60	4.58	900	Made to order	
	206580	150.0	170.0	-90.0	0.35	50	6.75	1,200	Made to order	

Colour Clear with Claret Spiral

Chemical Resistance Excellent

Abrasion Resistance Excellent

Temperature Range -5°C to +60°C

Flexibility

Good


Conforms to Australian Standard AS2070,
European Standard EU2002-72-EC,
certified phenol free.

Applications

Suitable for the wine, canning and food packaging industries. It can be used for the suction of wine & spirits up to 28 1/4 proof. The smooth bore enables easy cleaning and reduces bacteria buildup.

Decription

Heavy duty flexible food quality PVC suction/discharge hose reinforced with a rigid spiral. Has a smooth bore to minimise flow losses and is UV light resistant.

	206482	25.0	32.0	-90.0	1.0	145	0.43	120	20	C VIEW S
	206484	32.0	39.6	-90.0	0.9	130	0.65	150	20	
	206486	38.0	45.8	-90.0	0.9	130	0.70	200	20	
	206488	50.8	60.2	-90.0	0.7	102	1.05	270	20	
	206490	63.5	73.5	-90.0	0.6	87	1.44	330	20	
	206492	76.2	87.8	-90.0	0.6	87	1.98	440	20	
	206494	101.0	114.4	-90.0	0.5	73	3.14	620	20	

Colour Clear with Clear Rigid PVC Spiral

Chemical Resistance Excellent

Abrasion Resistance Good

Temperature Range -5°C to +60°C

Flexibility

Excellent


Conforms to Australian Standard AS2070,
European Standard EU2002-72-EC,
certified phenol free.

Applications

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

Decription

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 resistant and conforms to AS2070 1999 and EU2022-72-EC.

	206000	25.0	35.4	-90.0	1.2	175	0.68	130	30	C VIEW SP
	206005	38.0	49.9	-90.0	1.2	175	1.01	220	30	
	206010	51.0	64.4	-90.0	1.0	145	1.67	300	30	
	206012	76.2	92.4	-90.0	1.0	145	2.57	490	20	

Colour Clear with Clear Rigid PVC Spiral

Chemical Resistance Excellent

Abrasion Resistance Excellent

Temperature Range -5°C to +60°C

Flexibility

Excellent

Conforms to Australian Standard AS2070,
European Standard EU2002-72-EC,
certified phenol free.


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.

Decription

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 resistant, conforms to AS2070 and EU2022-72-EC for use with food products and uses a plastic helix that will not rust or cut the hands of operators.

BARFELL – Barflex PVC Suction Hose

Illustration	Code	Nominal in mm's		Vacuum Rating KPa/20°C	Working Pres. @ 20°C		Weight Kg/m	Min Bend Radius in mm	Coil Lengths in Metres	Name
		I.D.	O.D.		Mpa	P.S.I.				
	206400	25.2	32.0	-90.0	0.7	100	0.41	120	20	STD FOOD contact milk tanker
	206410	31.8	39.0	-90.0	0.7	100	0.52	150	20	
	206420	38.4	46.2	-90.0	0.6	85	0.68	200	20	
	206430	50.8	60.0	-90.0	0.5	75	1.02	270	20	
	206440	63.7	74.3	-90.0	0.5	75	1.40	330	20	
	206450	76.0	89.0	-90.0	0.4	60	2.01	440	20	
	206460	102.2	116.0	-90.0	0.4	60	3.06	620	20	


Colour Clear with Bone Rigid PVC Spiral **Chemical Resistance** Good **Abrasion Resistance** Good
Temperature Range -5°C to +60°C **Flexibility** Excellent **Conforms to** Australian Standard AS2070,
European Standard EU2002-72-EC,
certified phenol free.

Applications

Suitable for the tanker delivery of milk, other dairy products, drinking water, wine and other food products. The smooth bore enables easy cleaning and reduces bacteria buildup.

Description

A general purpose suction/discharge hose for the transfer of food products, including beer, wine, drinking water and milk. Resistant to chemicals used in cleaning and is UV light resistant.

	206684	32	41.5	-90	0.3	0.39	250	20	ABRASION RESISTANT URETHANE SUCTION HOSE
	206686	38	48.4	-90	0.3	0.45	310	20	
	206690	50	64.5	-80	0.3	0.76	350	20	
	206691	63	77.0	-70	0.3	1.46	370	20	
	206692	75	95.0	-70	0.3	1.77	400	20	
	206693	102	118.0	-70	0.3	3.48	500	20	
	206694	127	150.0	-70	0.3	5.70	550	20	
	206695	150	174.0	-60	0.3	6.63	600	10, 20	
	206696	203	224.0	-60	0.3	10.59	650	10	


Colour Clear with White Rigid Spiral **Chemical Resistance** Excellent **Abrasion Resistance** Excellent
Temperature Range -5°C to +60°C **Flexibility** Excellent **Weathering Properties** Excellent

Applications

Suitable for the tanker delivery of milk, other dairy products, drinking water, wine and other food products. The smooth bore enables easy cleaning and reduces bacteria buildup.

Description

An extremely flexible hose with outstanding abrasion resistance due to inclusion of urethane rubber. Barfell's latest and best hose for seeding equipment, soil and rock removal on vacuum diggers and street sweepers and any particulate collection in extreme environments.

	206632	32.0	40.5	-90.0	0.3	40	0.55	250	20	GREENLINE ABRASIVE RESISTANT
	206634	38.4	48.4	-90.0	0.3	40	0.65	280	20	
	206636	44.5	57.0	-80.0	0.3	40	0.75	310	20	
	206638	50.8	63.0	-80.0	0.3	40	0.88	350	20	
	206640	63.7	79.0	-70.0	0.3	40	1.34	370	20	
	206642	76.0	92.5	-70.0	0.3	40	1.60	400	20	
	206644	102.2	118.0	-70.0	0.3	40	2.40	500	20	
	206645	127.8	149.8	-70.0	0.3	40	4.75	550	20	
	206648	150.0	174.0	-60.0	0.3	40	5.96	600	20	
	206650	203.0	225.0	-60.0	0.3	40	7.55	650	10	

Colour Black with Green Rigid Spiral **Chemical Resistance** Excellent **Abrasion Resistance** Excellent
Temperature Range -5°C to +60°C **Flexibility** Excellent **Weathering Properties** Excellent





Applications

Pumping slurries, air seeder machines, industrial/commercial vacuum cleaning.

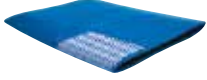
Description

A heavy duty suction/discharge hose especially formulated to be hard wearing and resistant to abrasion. A flexible thick PVC/Nitrile blend with an external rigid PVC spiral results in a hose with exceptional wear resistance, both inside and out, and flexibility for ease of use.

BARFELL – Barflex PVC Suction Hose

Illustration	Code	Nominal in mm's		Vacuum Rating KPa/20°C	Working Pres. @ 20°C		Weight Kg/m	Min Bend Radius in mm	Coil Lengths in Metres	Name	
		I.D.	O.D.		Mpa	P.S.I.					
	207055	25.2	31.4	-90.0	0.8	116	0.34	120	20	CLEAR BLACK	
	207060	31.7	38.4	-90.0	0.7	102	0.47	150	20		
	207065	37.8	45.4	-90.0	0.6	87	0.62	200	20		
	207070	44.8	52.0	-90.0	0.6	79	0.70	240	20		
	207075	50.8	60.0	-90.0	0.5	72	0.93	300	20		
	207080	64.2	73.8	-90.0	0.5	72	1.43	400	20		
	207085	76.0	87.4	-90.0	0.4	58	2.02	450	20		
Colour Clear with Black Rigid PVC Spiral	Temperature Range		-5°C to +60°C		Chemical Resistance		Good				
	Flexibility		Excellent		Abrasion Resistance		Excellent				
	Applications				Decription						
	Suitable for primary, secondary and tertiary lines on air seeder machines.				A medium duty flexible PVC suction/discharge hose reinforced with a black spiral. It has a mirror smooth bore to minimise friction losses and is UV light stabilised.						
	206030	50.0	60.8	-90.0	0.3	36	0.73	100	20	LPG VENT	
										LIGHT DUTY	
Colour Black	Applications				Decription						
	Suitable for use in converting cars, trucks and forklifts from petrol to gas.				A highly flexible hose manufactured to AS1425 Section 2.2 covering LPG fuel systems for vehicle engines.						
	206670	25.0	32.0	-90.0	0.70	102	0.42	120	20	ODORFREE	
	206680	38.4	46.2	-90.0	0.90	130	0.71	200	20	SANITATION HOSE	
Colour Beige	Chemical Resistance		Excellent		Flexibility		Good				
	Applications				Decription						
	Suitable for use in all pressure or vacuum toilet systems				A suction/discharge hose especially formulated for use with sanitation systems in boats, caravans and recreational vehicles. It will minimise odors in the confined spaces and is designed to withstand the chemicals used in the systems.						
	206270	25.0	33.5	-90.0	0.7	100	0.58	120	20	BARFLEX	
	206275	41.5	48.3	-90.0	0.6	85	0.75	220	20		
	206280	50.8	60.5	-90.0	0.5	75	1.25	270	20	SPA HOSE	
Colour Fawn	Chemical Resistance		Excellent		Flexibility		Good				
	Applications				Decription						
	Flexible plumbing line used in spa's.				A highly flexible suction/discharge hose designed specifically for Spa operations.						

BARFELL – Sunny Layflat Hose / White Goods Accessories


Illustration	Code	Nominal I.D.	Nominal Wall Thickness	Working Pres. @ 20°C		Weight Kg/m	Coil Lengths in Metres	Colour
				Mpa	P.S.I.			
 MEDIUM DUTY SUNNY BLUE LAYFLAT HOSE	288025	25	1.50	0.7	100	165	100	Blue
	288032	32	1.45	0.7	100	200	100	
	288040	40	1.25	0.50	73	205	100	
	288050	50	1.30	0.45	65	270	100	
	288065	65	1.50	0.40	58	380	100	
	288075	75	1.70	0.35	58	530	100	
	288100	100	1.75	0.30	58	705	100	
	288125	125	1.85	0.30	44	935	100	
	288150	150	1.95	0.30	44	1,175	100	
	288200	200	2.20	0.30	44	1,785	100	
	288250	250	2.65	0.25	36	2,650	100	
	288300	300	2.55	0.20	30	2,910	100	
	288350	350	2.70	0.20	30	3,650	100	
288400	400	2.70	0.20	30	4,287	100		

Applications

Suitable for irrigation or drainage, washdown, water supply for construction sites or general dewatering.

Description

A tough medium duty hose made from PVC compound, reinforced with high strength yarns and is a one piece construction.

 HEAVY DUTY SUNNY RED LAYFLAT HOSE	289040	40	1.90	1.0	152	290	100	Red
	289050	50	2.05	1.0	152	420	100	
	289065	65	2.15	1.0	152	540	100	
	289075	75	2.25	0.9	130	660	100	
	289100	100	2.55	0.9	130	1,000	100	
	289150	150	2.95	0.7	100	1,680	100	
	289200	200	2.95	0.5	75	2,200	100	

Applications

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

Description

A tough medium duty hose made from PVC compound, reinforced with high strength yarns and is a one piece construction.

	Description	Code	Nominal I.D.	Colour
WHITE GOODS HOSE FITTINGS	Straight Tail		10mm	White
	90° Elbow Tail	293000	10mm	White
	Straight Tail	293015	12.5mm	White
	90° Elbow Tail	293020	12.5mm	White
	Wing Nuts (BSP)	293040	3/4"	White
WHITE GOODS HOSE ASSEMBLIES	10mm Hose			
	3/4' Nut and Tail both ends	209095		St. Tail/90° Tail
	3/4' Nut and Tail both ends	209175		St. Tail/90° Tail
	12.5mm Hose			
	3/4' Nut and Tail both ends	209400		St. Tail/90° Tail
	3/4' Nut and Tail both ends	209490		St. Tails
	3/4' Nut and Tail ONE end	209380		St. Tail


Custom Design & Brands

Barfell can manufacture custom designed or branded hose assemblies for your particular application.

Contact our sales department for more information.

Sales Contact
Tel
1800 803 236
Fax
1800 805 086

BARFELL – Barflex Hose

Illustration	Code	Nominal in mm's		Actual in mm's I.D.	Weight Kg/m	Min Bend Radius in mm	Coil Lengths in Metres	Colour
		I.D.	O.D.					
	251010*	12.5	18.9	12.5	0.10	50	20	Black * 12.5mm & 16mm hoses are grey in colour.
	251020*	16	21.3	15.3	0.13	65	20	
	251030	19	26.0	18.0	0.20	65	20	
	251050	25	32.5	24.5	0.25	70	20	
	251070	28	35.3	27.3	0.28	80	20	
	251146	30.5	39.5	30.5	0.31	85	20	
	251100	31.5	42.0	31.5	0.39	85	20	
	251142	32	41.0	32.0	0.38	90	20	
	251140	33.5	43.7	33.7	0.40	90	20	
	251144	35	45.0	35.1	0.42	90	20	
	251150	38	47.3	36.5	0.45	100	20	
	251170	44	53.8	43.0	0.48	110	20	
	251190	50	63.3	49.5	0.85	125	20	
	251200	63	74.3	61.5	1.00	200	20	
	251210	76	87.8	74.0	1.10	250	20	
251220	102	114.3	100.5	2.00	400	20		

BARFLO


INDUSTRIAL

Applications

Secondary and tertiary lines on air seeder machines. Also suitable for water conveyance, ventilation duct on business machines and dust collection.

Decription

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

	251260	31.5	41.8	31.0	0.42	125	20	Black
	251350	38	48.6	37.0	0.55	130	20	
	251360	44	57.8	43.0	0.75	135	20	
	251370	44HW	63.0	44.0	1.00	200	20	
	251410	50	67.5	49.5	1.00	175	20	
	251420	63	79.4	62.0	1.10	200	20	
	251430	76	91.9	74.5	1.40	300	20	
	251455	102	121.5	100.5	2.50	400	20	
	251465	127	149.0	125.0	3.70	450	Made to order	
	251475	152	174.0	150.0	4.20	550	Made to order	
	251495	203	226.0	202.0	5.20	1,000	Made to order	

BARFLO


HEAVY DUTY

Applications

Collection of dust, sawdust, fumes. Transport of small particulates.

Decription

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

	252100	38	48.5	36.5	0.40	90	10, 20	Grey
	252170	50	67.5	50.0	0.95	110	20	

PROVAC

VACCUM HOSE

Applications

Commercial carpet steam cleaning machines.

Decription

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










Illustration	Description	Code	Nominal I.D.	Weight Kg/m	Coil Lengths in Metres	Colour
AUTOVAC   1 Cuff Inc.	A flexible pool hose designed for automatic pool cleaners. Comes boxed with one fitted cuff.	241130	38	0.35	9, 12, 15	Blue
BARVAC   1 Cuff Inc.	Extra heavy duty pool cleaner designed for professionals. Comes boxed with two cuffs fitted.	241060	38	0.35	8, 9, 11, 13, 15, 20	White
		241175	50	0.74	20	
POOLSIDE   2 Cuff Inc.	A premium quality pool owners hose. Easy to use, long lasting. Comes boxed with two cuffs fitted.	241030	32	0.23	4.5, 6, 8, 9, 11, 20	Blue
		241090	38	0.34	8, 9, 11, 13, 15, 20	
POOLFLO 	A lower cost hose available in longer lengths with spigots approximately 1 metre apart throughout the hose.	242022	38	0.23	25, 50	White

Illustration	Code	Nominal I.D.	Flute in mm's	Elbow	Colour
	294020	32	32.0	90°	White
	294070	38	38.0		
	294140	50	50.0		
	294220	32	38.0		
	294180	38	32.0		
	294200	50	38.0		
	294130	38	38.0		
	294030	32	32mm	White	
	294080	38	38mm		
	294150	50	50mm		
	294040	32	38mm		

BARFELL – Coupling TEMA


Illustration	Description	Size Inches	Tema Product Code	Barfell Product Code	Working Pressure Connected in Bar	Weight Kg/m
	HYDRAULIC RANGE					
	Coupling Body 1/8" BSPF	1/8	2310*	273290	200	43
	Plug In Adaptor 1/8" BSPF	1/8	2320*	273300	200	20
	COUPLINGS FOR FLUIDS & GASES					
	Coupling Body 1/4" BSPF	1/4	2510	273315	450	150
	Plug In Adaptor 1/4" BSPF	1/4	2520	273345	450	40
	Coupling Body 3/8" BSPF	3/8	3810	273380	350	250
	Plug In Adaptor 3/8" BSPF	3/8	3820	273420	350	60
	Coupling Body 1/2" BSPF	1/2	5010	273490	300	315
	Plug In Adaptor 1/2" BSPF	1/2	5020	273505	320	92
	Coupling Body 3/4" BSPF	3/4	7510	273575	280	585
	Plug In Adaptor 3/4" BSPF	3/4	7520	273590	300	185
	Coupling Body 1" BSPF	1"	10010	273650	250	920
	Plug In Adaptor 1" BSPF	1"	10020	273665	280	340
	Coupling Body 1 1/2" BSPF	1 1/2	15010	273705	200	1455
	Plug in Adaptor 1 1/2" BSPF	1 1/2	15020	273710	200	1030
Coupling Body 2" BSPF	2"	20010	273715	180	2955	
Plug In Adaptor 2" BSPF	2"	20020	273720	180	2110	

Coupling & Adaptors are valved and have nitrile seals.

* 2310 & 2320 are not covered by AGA approval

Hydraulic Quick Release Self Sealing Coupling for high-pressure systems are suitable for Hydraulic oils as well as other fluids and gases. The coupling are self-sealing two way coupling of high quality with outstanding characteristics.

Working Temperature
-40°C up to +100°C
Approval AGA No. 4444

	HYDRAULIC RANGE					
	Coupling Body 3/8" with Nitrile Seal	3/8	3811	273435	350	250
	Plug In Adaptor 3/8" with Nitrile Seal	3/8	3821	273440	350	60
	COUPLINGS FOR FLUIDS & GASES					
	Coupling Body 3/8" with Viton Seal	3/8	3811V	273436	350	205
	Plug In Adaptor 3/8" with Viton Seal	3/8	3821V	273441	350	57
	Coupling Body 1/2" with Nitrile Seal	1/2	5011	273550	300	315
	Plug In Adaptor 1/2" with Nitrile Seal	1/2	5021	273555	320	92
	Coupling Body 1/2" with Viton Seal	1/2	5011V	273551	300	355
	Plug In Adaptor 1/2" with Viton Seal	1/2	5021V	273556	320	95
	Coupling Body 3/4" with Nitrile Seal	3/4	7511	273605	280	585
	Plug In Adaptor 3/4" with Nitrile Seal	3/4	7521	273610	300	185
	Coupling Body 1" with Nitrile Seal	1"	10011	273680	250	920
	Plug In Adaptor 1" with Nitrile Seal	1"	10021	273685	280	340

Coupling & Adaptors are valved.

Tema Hydraulic Coupling are available with a pressure eliminator. The Pressure Eliminator relieves static pressure & makes it easy to reconnect the coupling.

Nitrile Working Temp.
-40°C up to +100°C
Viton Working Temp.
-25°C up to +200°C

BARFELL — Coupling TEMA

Illustration	Description	Size Inches	Tema Product Code	Barfell Product Code	Working Pressure Connected in Bar	Weight Kg/m
HYDRAULIC RANGE	Coupling Body 1/4" BSPF	1/4	1300V	273075	30	81
COUPLINGS WITH VITON SEALS FOR STEAM	Coupling Body 3/8" BSPF - Unvalved	3/8	1800HV*	273160	100	100
	Coupling Body 3/8" BSPF	3/8	1800NV*	273155	50	125
	Adaptor stainless steel	3/8	18410stv	273245	50	65
	Coupling Body 1/8" BSPF	1/8	2310V	273295	200	43
	Plug In Adaptor 1/8" BSPF	1/8	2320V	273305	200	20
	Coupling Body 1/4" BSPF	1/4	2510V	273320	450	150
	Plug In Adaptor 1/4" BSPF	1/4	2520V	273350	450	40
	Coupling Body 3/8" BSPF	3/8	3810V	273375	350	250
	Plug In Adaptor 3/8" BSPF	3/8	3820V	273425	350	60
	Coupling Body 1/2" BSPF	1/2	5010V	273495	300	355
	Plug In Adaptor 1/2" BSPF	1/2	5020V	273510	320	95
	Coupling Body 3/4" BSPF	3/4	7510V	273580	280	585
	Plug In Adaptor 3/4" BSPF	3/4	7520V	273595	300	185
	Coupling Body 1" BSPF	1	10010V	273655	250	920
	Plug In Adaptor 1" BSPF	1	10020V	273670	280	340
	Working Temperature -25°C up to +200°C	Coupling Body 1 1/2" BSPF	1 1/2	15010V	273707	200
* Series 1800N is not interchangeable with coupling from Series 1800	Plug In Adaptor 1 1/2" BSPF	1 1/2	15020V	273712	200	1030
	Coupling Body 2" BSPF	2	20010V	273717	180	2955
	Plug In Adaptor 2" BSPF	2	20020V	273722	180	2110



Coupling & Adaptors are valved with Viton Seals, except for 1800HV which is unvalved.

Working Temperature
-25°C up to +200°C

* Series 1800N is not interchangeable with coupling from Series 1800


HYDRAULIC RANGE	Coupling Body BSPF	1/4	IF2510	273819	315	160
COUPLINGS IF SERIES LEAK FREE FLAT FACED	Plug-in Nipple BSPF	1/4	IF2520	273820	315	50
	Plug-in Nipple BSPF with Eliminator	1/4	IF2521	273821	315	55
	Coupling Body BSPF	3/8	IF3810	273822	250	260
	Plug-in Nipple BSPF	3/8	IF3820	273823	250	70
	Plug-in Nipple BSPF with Eliminator	3/8	IF3821	273824	250	75
	Coupling Body BSPF	1/2	IF5010	273825	250	365
	Plug-in Nipple BSPF	1/2	IF5020	273826	250	105
	Plug-in Nipple BSPF with Eliminator	1/2	IF5021	273827	250	110
	Coupling Body BSPF	3/4	IF7510	273769	250	595
	Plug-in Nipple BSPF	3/4	IF7520	273771	250	195
	Plug-in Nipple BSPF with Eliminator	3/4	IF7521	273772	250	205
	Coupling Body BSPF	3/4-1	IF7510-100	273773	250	598
	Plug-in Nipple BSPF	3/4 1	IF7520-100	273774	250	198
	Plug-in Nipple BSPF with Eliminator	3/4 1	IF7521-100	273776	250	208
	Coupling Body BSPF	1	IF10010	273844	200	930
	Plug-in Nipple BSPF	1	IF10020	273845	200	350
Plug-in Nipple BSPF with Eliminator	1	IF10021	273848	200	360	
Coupling Body BSPF	1- 1/4	F10010-125	273843	200	935	
Plug-in Nipple BSPF	1- 1/4	IF10021-125	273847	200	355	

Tema "IF" series couplings are leak free, when connecting or disconnecting the coupling there is no risk of oil spillage or air inclusion. The coupling body can be operated with one hand and is equipped with a safety lock-pin. The high flow valve design provides maximum flows & minimum pressure drops.

ISO Standard ISO 16028

All flat faced 'IF' couplings are interchangeable with other brands conforming to the same standard

BARFELL – Coupling TEMA

Illustration	Description	Size Inches	Tema Product Code	Barfell Product Code	Working Pressure Connected in Bar	Weight Kg/m
	HYDRAULIC RANGE					
	Coupling Body Unvalved with Nitrile Seal	1/8	1100UV	273010	30	40
	Coupling Body Unvalved with Nitrile Seal	1/4	2510UV	273325	450	145
	Coupling Body Unvalved with Nitrile Seal	1/4	2510VUV	273330	450	145
	Adaptor Unvalved with Nitrile Seal	1/4	2520UV	273355	450	35
	Coupling Body Unvalved with Nitrile Seal	3/8	3810H	273385	350	150
	Coupling Body Unvalved with Viton Seal	3/8	3810VUV	273390	350	240
	Adaptor Unvalved with Nitrile Seal	3/8	3820UV	273405	250	50
	Coupling Body Unvalved with Nitrile Seal	1/2	5010UV	273492	300	340
	Adaptor Unvalved with Nitrile Seal	1/2	5020UV	273506	320	80
Nitrile Working Temp. -40°C up to +100°C		Viton Working Temp. -25°C up to +200°C				

HYDRAULIC RANGE

COUPLINGS FOR DIVING AND RESPIRATORY AIR



Coupling Body with extra lock rust free	1/4	2510ELRF	273335	10	150
Stainless Adaptor	1/4	2520RF	273360	170	44
Stainless Adaptor	3/8	3820RF	273410	300	56

Coupling & Adaptors are valved & with Nitrile Seals

Note: Having a safety lock mechanism, the Tema body complies with AS2299 for diving use

HYDRAULIC RANGE


SWIVEL JOINTS




1/4" Nut with 3/8" Body	1/4	250.0	273750	250	110
1/4" Nut (S/S) with 3/8" Body*	1/4	250RF	273770	250	110
1/2" Nut with 3/4" Body	1/2	500.0	273755	250	270
1/2" Nut (S/S) with 3/4" Body*	1/2	500RF	273775	250	270
1/2" Nut with 3/4" Body	1/2	500B	273756	250	260
3/4" Nut with 1" Body	3/4	750.0	273760	250	450
3/4" Nut (S/S) with 1" Body*	3/4	750RF	273780	250	450
1" Nut with 1 1/4" Body	1	1000.0	273765	200	760
1" Nut (S/S) with 1 1/4" Body*	1	1000RF	273785	200	760

Swivels all come with Nitrile Seals. * Note Spindle is stainless steel only


Tema Swivel can be used in hydraulic systems where a turnable joint is required. Suitable for rotation speeds up to 60rpm, and an operating temperature range of -40C to +90C.

Illustration	Description	Size Inches	Tema Product Code	Barfell Product Code	Working Pressure Connected in Bar	Weight Kg/m
	HYDRAULIC RANGE					
	PVC Dust Plug for Body	1/4	2516	273340	0	12
	PVC Dust Cap for Adaptor	1/4	2526	273365	0	15
	DUST PLUGS AND CAPS FOR "IF" SERIES					
	PVC Dust Plug for Body	3/8	3816	273400	0	16
	PVC Dust Cap for Adaptor	3/8	3826	273430	0	17
	PVC Dust Plug for Body	1/2	5016	273500	0	21
	PVC Dust Cap for Adaptor	1/2	5026	273515	0	23
	PVC Dust Plug for Body	3/4	7516	273585	0	30
	PVC Dust Cap for Adaptor	3/4	7526	273600	0	32
	PVC Dust Plug for Body	1	10016	273660	0	44
	PVC Dust Cap for Adaptor	1	10026	273675	0	46
	PVC Dust Plug for Body	1 1/2	15016	273730	0	60
	PVC Dust Cap for Adaptor	1 1/2	15026	273735	0	62
	PVC Dust Plug for Body	2	20016	273740	0	76
	PVC Dust Cap for Adaptor	2	20026	273745	0	78

The use of Dust Protection cover extends service life. The Dust Plugs are made of soft oil-resistant plastic and are blue in colour.

	HYDRAULIC RANGE					
	PVC Dust Plug for Body	1/4	IF2516	273777	0	10
	PVC Dust Cap for Adaptor	1/4	IF2526	273778	0	12
	DUST PLUGS AND CAPS					
	PVC Dust Plug for Body	3/8	IF3816	273779	0	13
	PVC Dust Cap for Adaptor	3/8	IF3826	273781	0	15
	PVC Dust Plug for Body	1/2	IF5016	273782	0	17
	PVC Dust Cap for Adaptor	1/2	IF5026	273783	0	19
	PVC Dust Plug for Body	3/4	IF7516	273784	0	24
	PVC Dust Cap for Adaptor	3/4	IF7526	273786	0	27
	PVC Dust Plug for Body	1	IF10016	273875	0	32
	PVC Dust Cap for Adaptor	1	IF10026	273876	0	39

The use of Dust Protection cover extends service life. The Dust Plugs are made of soft oil-resistant plastic and are blue in colour.

	HYDRAULIC RANGE					
	STAINLESS STEEL COUPLINGS					
	Coupling Body 1/4" BSPF	1/4	2510RV	273445	250	145
	Plug In Adaptor 1/4" BSPF	1/4	2520RV	273450	250	45
	Coupling Body 3/8" BSPF	3/8	3810RV	273455	300	205
	Plug In Adaptor 3/8" BSPF	3/8	3820RV	273460	300	57
	Coupling Body 1/2" BSPF	1/2	5010RV	273540	300	305
	Plug In Adaptor 1/2" BSPF	1/2	5020RV	273545	300	93
Coupling Body 3/4" BSPF	3/4	7510RV	273615	250	510	
Plug In Adaptor 3/4" BSPF	3/4	7520RV	273620	250	190	
Coupling Body 1" BSPF	1	10010RV	273690	250	900	
Plug In Adaptor 1" BSPF	1	10020RV	273695	250	338	

Coupling & Adaptors are valved and have viton seals.

Hydraulic Quick Release Self Sealing Coupling for high-pressure systems are suitable for Hydraulic oils as well as other fluids and gases. The coupling are self-sealing two way coupling of high quality with outstanding characteristics.

Viton Working Temp -. 25°C up to +200°C Approval

AISI 316

BARFELL – Coupling TEMA






Illustration	Description	Size Inches	Tema Product Code	Barfell Product Code	Working Pressure Connected in Bar	Weight Kg/m
 <p>COUPLINGS KIT "O" RINGS</p>	Couplings 'O' Rings Kit - Nitrile 1/4"	1/4	2500PSN	273916		2
	Couplings 'O' Rings Kit - Nitrile 3/8"	3/8	3800PSN	273911		3
	Couplings 'O' Rings Kit - Nitrile 1/2"	1/2	5000PSN	273910		4
	Couplings 'O' Rings Kit - Nitrile 3/4"	3/4	7500PSN	273909		5
	Couplings 'O' Rings Kit - Nitrile 1"	1	10000PSN	273908		6
	Couplings 'O' Rings Kit - Nitrile 1 1/2"	1 1/2	15000PSN	273912		8
	Couplings 'O' Rings Kit - Nitrile 2"	2	20000PSN	273913		10
	<p>NITRILE Working Temperature -40°C up to +100°C</p> <p>Can be used with compressed air. Resistant to heat and many fluids, for example mineral oils, fuel (not biodiesel) water, glycol & grease.</p>					
 <p>MEASURING SYSTEM</p>	Coupling O Ring Kit - Viton 1/4"	1/4	2500PSV	273831		3
	Coupling O Ring Kit - Viton 3/8"	3/8	3800PSV	273830		4
	Coupling O Ring Kit - Viton 1/2"	1/2	5000PSV	273832		5
	Coupling O Ring Kit - Viton 3/4"	3/4	7500PSV	273834		6
	Coupling O Ring Kit - Viton 1"	1	10000PSV	273836		8
	Coupling O Ring Kit - Viton 1 1/2"	1 1/2	15000PSV	273838		10
	Coupling O Ring Kit - Viton 2"	2	20000PSV	273840		12
	<p>VITON Working Temperature -25°C up to +200°C</p> <p>Very High resistance to heat & fluids including petrol, oils, biodiesel, grease & aromatic oils. Can be used for steam up to +150C.</p>					
	Measuring Nipple		M12X1.5T123-126	273882	400	35
	Quick connect coupling for measuring nipple with integrated shut-off valve					
	- Nitrile Seal G 1/8 male thread		T150	273996		72
	Metal Cap with O-ring seal. Quick-lock type coupling on nipple. Extra safety. Up to 75MPa (750bar)		T126K	273883		36

Illustration	Description	Oetiker clip ID	Size Inches	Clamping Range mm's	Barfell Produc Code	
<p>TWO EAR CLAMPS ZINC PLATED</p> 	<p>Oetiker 2 ear clamps made from tube are ideal for hose fastening in low and medium pressure applications and metal to metal connections. Fast and easy to fit with pincers.</p>		$\frac{1}{4}$	5 - 7	100	271010
		OTK0709	$\frac{5}{16}$	7 - 9	100	271020
		OTK0911	$\frac{7}{16}$	9 - 11	100	271030
		OTK1113	$\frac{1}{2}$	11 - 13	100	271040
		OTK1315	$\frac{9}{16}$	13 - 15	100	271050
		OTK1517	$\frac{5}{8}$	15 - 17	100	271055
		OTK1518	$\frac{5}{8}$	15 - 18	100	271060
		OTK1720	$\frac{3}{16}$	17 - 20	100	271070
		OTK2023	$\frac{7}{8}$	20 - 23	100	271080
		OTK2225	$\frac{15}{16}$	22 - 25	100	271090
		OTK2327	1	23 - 27	100	271100
		OTK2528	$1\frac{1}{16}$	25 - 28	100	271110
		OTK2831	$1\frac{3}{16}$	28 - 31	100	271120
		OTK3134	$1\frac{5}{16}$	31 - 34	100	271130
		OTK3437	$1\frac{7}{16}$	34 - 37	100	271140
		OTK3740	$1\frac{1}{2}$	37 - 43	100	271150
OTK4043	$1\frac{3}{4}$	40 - 43	100	271160		
OTK4346	$1\frac{7}{8}$	43 - 46	100	271170		
<p>TWO EAR CLAMPS STAINLESS STEEL</p> 	<p>Oetiker 2 ear clamps made from tube are ideal for hose fastening in low and medium pressure applications and metal to metal connections. Fast and easy to fit with pincers.</p>	OTK0709R	$\frac{5}{16}$	7 - 9	100	271390
		OTK0911R	$\frac{7}{16}$	9 - 11	100	271340
		OTK1113R	$\frac{1}{2}$	11 - 13	100	271400
		OTK1315R	$\frac{9}{16}$	13 - 15	100	271410
		OTK1518R	$\frac{5}{8}$	15 - 18	100	271420
		OTK1720R	$\frac{3}{4}$	17 - 20	100	271430
<p>Other Sizes Available</p>						
<p>Manufactured to AISI 304</p>						
<p>MISCELLANEOUS</p> 	<p>Assortment Kit A</p>		Type A	271300		
	<p>Contents include:</p> <ul style="list-style-type: none"> • OTK0911 x 30, OTK1113 x 30, OTK1315 x 30, OTK1518 x 15 OTK2023 x 20, OTK1099 x 1 • Box • 3 empty compartments 					
		OTK1099		Pincers	271250	

Barfell

Icon Plastics Pty Ltd
ABN 89 071 392 366



Registered Office

19-21 Hallam South Road
Hallam, VIC 3803 Australia
PO Box 1287 Narre Warren
VIC 3805 Australia
Tel: 61 3 8796 9277
Fax: 61 3 9703 1478

Queensland Office

8-10 Hinkler Court
Brendale, QLD 4500
Tel: 61 7 3490 5400
Fax: 61 7 3490 5450

Seaford Branch

32 Klauer Street
Seaford, VIC 3198
Tel: 61 3 8770 5102
Fax: 61 3 9773 6466

Sales Tel: 1800 803 236
Sales Fax: 1800 805 086
icon@iconplastics.com.au

www.iconplastics.com.au