



Hose and Fittings Catalogue  
Version 1.0 July 2014



**Welcome to Southern's Water Technology**, we are a locally owned and operated family business and have been serving the Southwest since 1972. Along with a comprehensive range of industrial hose and fittings we sell the largest range of irrigation equipment in Bunbury and are the largest Davey Master Dealer and Grundfos Elite dealer in the South West. We also carry the largest range of filtration and water treatment equipment in Bunbury and pride ourselves on providing cost effective and functional water treatment solutions for customer of all sizes. We have a staff of 12 including 4 mobile install and service technicians. We can tackle anything from a major industrial project to a small household repair. Southern's Water only sells and recommends quality product as we work on providing the customer with good value for money.

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# 1.0 RUBBER HOSE RANGE

Quality USA made rubber hose. The best value for money, quality materials and quality engineering that make the product last longer.

## Application: Water Suction and discharge

## Product: Good Year Plicord Water Suction & Discharge

For use as a general purpose suction and discharge hose in medium to heavy-duty operations.

### CONSTRUCTION:

TUBE: Black Plioflex® synthetic rubber COVER: Black Plioflex® synthetic rubber (wrapped finish) REINFORCEMENT: Synthetic fabric plies with internal wire helix TEMPERATURE: -25°F to 180°F (-32°C to 82°C)

ID		NOM OD	Max. WP		Weight	Roll Length
in.	mm	mm	psi	MPa	kg/m	Meter
1	25	38.94	200	1.38	0.89	30.5
1 ¼	32	45.6	200	1.38	1.07	30.5
1 ½	38	50.8	200	1.38	1.18	30.5
2	50	63.5	200	1.38	1.44	30.5
2 ½	63	77.7	200	1.38	2.02	30.5
3	75	90.2	200	1.38	2.38	30.5
4	100	116.3	150	1.03	3.13	30.5
5	125	141.5	150	1.03	3.85	30.5
6	150	165.9	150	1.03	4.27	30.5
8	200	217.7	100	0.69	6.04	15.25



SOUTHERNS ORDER CODE : HIRSPWxx (xx being the size, ie 4” would be HIRSPW100)

## Product: V214 Water suction and Discharge

Suitable for general purpose water suction and delivery hose for use in medium to heavy duty operations an economical option.

### CONSTRUCTION:

TUBE: NR/SBR Blended COVER: Black SBR/EPDM blended (wrapped finish) REINFORCEMENT: two synthetic fabric plies with wire helix TEMPERATURE: -20°C to +70°C

ID		NOM OD	Max. WP		Weight	Roll Length
in.	mm	mm	psi	MPa	kg/m	Meter
1	25	29	150	1.03	0.67	30
1 ¼	32	42	150	1.03	0.93	30
1 ½	38	48	150	1.03	1.13	30
2	50	61	150	1.03	1.42	30
2 ½	63	74	150	1.03	1.91	30
3	75	89	150	1.03	2.44	30
4	100	114	150	1.03	3.03	30
6	150	165	150	1.03	4.02	30



SOUTHERNS ORDER CODE : HIRWSxx (xx being the size, ie 4” would be HIRWS100)

## Application: Fuel/ Oil Suction and Discharge

### **Product: Good Year Plicord Extremeflex Petroleum Transfer**

An extremely flexible and lightweight hose for use in tank truck and drilling operation to transfer diesel, ethanol, gasoline, oil and petroleum based products. Corrugated construction for lower drag coefficient and superior abrasion resistance.

#### **CONSTRUCTION:**

Black Nitrile synthetic rubber tube with Black Chemivic™ synthetic corrugated cover.

Light weight and flexible, abrasive resistant cover, low drag coefficient of fraction, high oil resistance.

TEMPERATURE: : -40°F to 200°F (-40°C to 93°C)

ID		NOM OD	Max. WP		Max Bend Radius	Vacuum Max.	Weight	Roll Length
in.	mm	mm	psi	MPa	mm.	Kpa	kg/m	Meter
3/4	19	30.5	250	1.72	19.05	-98	0.62	30.5
1	25	36.8	250	1.72	25.4	-98	0.81	30.5
1 ¼	32	42.5	250	1.72	32	-98	0.88	30.5
1 ½	38	48.5	250	1.72	37.1	-98	1.08	30.5
2	50	61.8	250	1.72	50.8	-98	1.46	30.5
2 ½	63	76.1	200	1.37	63.5	-98	2.10	30.5
3	75	88.8	200	1.37	76.2	-98	2.51	30.5
4	100	115.7	150	1.03	101.6	-98	3.61	30.5
6	150	168.1	150	1.03	150	-98	6.61	30.5



**SOUTHERN'S ORDER CODE : HIRPEFxx** (xx being the size, ie 4" would be HIRPEF100)

### **Product: V404 Oil Suction & Delivery Hose**

General Purpose hose used to transfer gasoline, oil, and other petroleum based products. Hose is designed for pressure, gravity flow or suction service, an economical option.

#### **CONSTRUCTION:**

TUBE: NBR (Oil resistant)

COVER: Black NBR (Oil resistant ) (wrapped finish)

REINFORCEMENT: synthetic fabric plies with wire helix

TEMPERATURE: -20°C to +70°C

ID		NOM OD	Max. WP		Weight	Roll Length
in.	mm	mm	psi	MPa	kg/m	Meter
3/4	19	29	150	1.03	0.56	30
1	25	38	150	1.03	0.93	30
1 ¼	32	44	150	1.03	1.02	30
1 ½	38	51	150	1.03	1.27	30
2	50	61	150	1.03	1.31	30
2 ½	63	74	150	1.03	1.77	30
3	75	88	150	1.03	2.11	30
4	100	113	150	1.03	2.77	30



**SOUTHERNS ORDER CODE : HIRPSxx** (xx being the size, ie 4" would be HIRPS100)



## Application: Food /Beverage Handling

### Product: Good Year White Plicord Extremeflex Food Grade

A high-tech, flexible corrugated hose with pretzel-like agility and proven performance. Best of all, it is available at a non-corrugated price, making it a great value. With ExtremeFlex, there is even more to appreciate. Flexible Handling, easier to move in and out of tight spaces and around sharp corners. Lightweight, easier to lift and carry, so there are fewer workplace injuries. Lower Force to Bend, easier to connect and disconnect, keeping productivity high.

#### CONSTRUCTION:

Tube: White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03) Cover: White or gray Chemivic corrugated synthetic rubber (wrapped impression) Reinforcement: Spiral-plied synthetic fabric with galvanized wire helix

TEMPERATURE: - 25°F to 212°F (- 32°C to 100°C)

ID		NOM OD	Max. WP		Max Bend Radius	Vacuum Max.	Weight	Roll Length
in.	mm	mm	psi	MPa	mm.	Kpa	kg/m	Meter
3/4	19	30.5	150	1.03	50	-98	0.7	30.5
1	25	36.8	150	1.03	25	-98	0.88	30.5
1 ¼	32	42.5	150	1.03	32	-98	0.94	30.5
1 ½	38	48.8	150	1.03	38	-98	1.15	30.5
2	50	62	150	1.03	51	-98	1.48	30.5
2 ½	63	77.5	150	1.03	63	-98	2.38	30.5
3	75	89.9	150	1.03	76	-98	2.79	30.5
4	100	116.6	150	1.03	102	-98	3.98	30.5



SOUTHERN'S ORDER CODE : HIRPEFFxx (xx being the size, ie 4" would be HIRPEFF100)

### Product: Good Year Plicord Vintner

For handling in-plant and/or tank truck transfer of wine, beer, potable water and other non-oily, liquid foodstuffs.

#### CONSTRUCTION:

Tube: White Chlorobutyl (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03) Cover: Gray Versigard® synthetic rubber (wrapped)/purple branding tape Reinforcement: Spiral-plied synthetic fabric with Monofilament Helix

TEMPERATURE RANGE: -30°F to 220°F (-34°C to 104°C)

ID		NOM OD	Max. WP		Max Bend Radius	Vacuum Max.	Weight	Roll Length
in.	mm	mm	psi	MPa	mm.	Kpa	kg/m	Meter
1	25	41.1	250	1.72	76	-91	1.06	30.5
1 ½	38	53.6	250	1.72	102	-91	1.46	30.5, 61
2	50	68.1	250	1.72	178	-91	2.05	30.5, 61
2 ½	63	81.5	250	1.72	254	-91	2.65	30.5
3	75	97.8	250	1.72	305	-91	3.86	30.5



SOUTHERNS ORDER CODE : HIRPVxx (xx being the size, ie 4" would be HIRPV100)

Application: Vacuum Ducting/ Abrasive material handling

Product: Good Year Artrac



The Artrac® hose is used for a variety of abrasive, material-handling applications to transfer sand, gravel, cement, fly ash, glass, metals, plastic pellets, fertilizers, rock salts and slurries.

CONSTRUCTION:

Tube: Thermoplastic alloyed blend of polyurethane and PVC (static dissipating/static conductive). Cover: Thermoplastic alloyed blend of nitrile, polyurethane and PVC (non-conductive) (Available with conductive cover – see order code below.) Reinforcement: Rigid high-density PVC helix.

TEMPERATURE RATING:-40°F to 158°F (-40°C to 70°C)

ID		NOM OD	Max. WP		Max Bend Radius	Vacuum Max.	Weight	Roll Length
in.	mm	mm	psi	MPa	mm.	Kpa	kg/m	Meter
1 ¼	32	41.4	45	0.31	76	-91	0.51	30.5
1 ½	38	48	40	0.28	81	-91	0.60	30.5
2	50	62.7	40	0.28	140	-91	1.0	30.5
2 ½	63	77.5	35	0.24	152	-91	1.29	30.5
3	75	93.7	30	0.21	191	-91	1.73	30.5
4	100	122.2	30	0.21	279	-91	3.21	30.5
5	125	146.8	30	0.21	381	-91	3.87	30.5
6	150	179.8	25	0.17	508	-91	5.10	30.5
8	200	234.2	20	0.14	762	-91	8.69	6.1, 20
10	250	284.7	20	0.14	1143	-91	11.85	6.1



SOUTHERN’S ORDER CODE : HIRARxx (xx being the size, ie 4” would be HIRAR100)

Product: Good Year Spiraflex Air Seeder Hose

For dry conveying of seeds and other materials where abrasion is present and service conditions are moderate. Excellent for low-pressure blowing applications.

CONSTRUCTION:

Tube: Clear Thermoplastic Urethane Cover: Clear Flexible Vinyl Reinforcement: White Rigid Vinyl Helix

TEMPERATURE RANGE: 0°F to 158°F (-18°C to 70°C)

ID		NOM OD	Max. WP		Max Bend Radius	Vacuum Max.	Weight	Roll Length
in.	mm	mm	psi	MPa	mm.	Kpa	kg/m	Meter
1	25	32	60	0.41	76.19	-91	0.29	20
1 ¼	32	39.4	55	0.38	88.9	-91	0.34	20
1 ½	38	46.2	50	0.34	101.6	-91	0.48	20
1 ¾	45	52.5	45	0.31	114.3	-91	0.56	20
2	50	60.4	40	0.27	127	-91	0.63	20
2 ½	63	72.9	40	0.27	177.8	-91	0.99	20
3	75	86.8	35	0.24	103.2	-91	1.33	20



SOUTHERNS ORDER CODE : HISASxx (xx being the size, ie 3” would be HISAS75)

Application: Air & Multipurpose, Hot Water washdown



Product: Good Year Ortac

Ortac (Oil Resistant Tube and Cover) is renowned for as the most popular premium-quality multipurpose hose. Used in the most abusive industrial applications, Ortac will handle air, oil, water, kerosene and some chemicals. Non-conductive, minimum electrical resistance greater than one (1) megohm per inch of hose length; at 1000 Volts DC. Available in 250, 300 and 400 psi working pressures. NOTE: Ortac 400 Yellow is USMSHA approved.

CONSTRUCTION:

Tube: Nitrile synthetic rubber, RMA Class A (High Oil Resistance)  
Cover: Red or Yellow Carbryn® synthetic rubber, RMA Class A (High Oil Resistance)  
Reinforcement: Spiral synthetic yarn, 2" is braided.

TEMPERATURE RATING: -20°F to 190°F (-29°C to 88°C)

ID		NOM OD		Max. WP		Weight		Roll Length
in.	mm	in.	mm	psi	MPa	lbs./ft.	kg/m	Meter
3/16	5	0.44	11.8	300	2.07	0.07	0.10	152.4
1/4	6	0.53	13.5	250	1.72	0.09	0.13	152.4
5/16	8	0.62	17.5	250	1.72	0.14	0.21	152.4
3/8	10	0.69	17.5	250	1.72	0.15	0.22	152.4
1/2	12	0.84	21.3	250	1.72	0.2	0.3	152.4
5/8	16	1	25.4	300	2.07	0.26	0.39	152.4
3/4	19	1.14	29	250	1.72	0.34	0.51	152.4
1	25	1.47	37.3	300	2.07	0.51	0.76	137.2
1-1/4	32	1.77	45.2	250	1.72	0.7	1.04	122
1-1/2	38	2.08	52.8	250	1.72	0.96	1.43	91.4
2	50	2.5	63.5	200	1.37	1.08	1.61	30.5



SOUTHERN’S ORDER CODE : HIROxx (xx being the size, ie 1” would be HIRO25MM)

Product: Good Year Red Horizon

An economical air and water hose, Horizon is for a wide range of industrial, construction and agricultural applications.

CONSTRUCTION:

Tube: Versigard® synthetic rubber, RMA Class C (Limited Oil Resistance) Cover: Black, Red, Yellow, Green or Blue Versigard synthetic rubber. Reinforcement: Spiral synthetic yarn, 2" is braided

TEMPERATURE RATING: -40°F to 190°F (-40°C to 88°C)

ID		NOM OD		Max. WP		Weight		Roll
in.	mm	in.	mm	psi	MPa	lbs./ft.	kg/m	Meter
1/4	6	0.50	12.7	200	1.38	0.08	0.12	152.4
3/8	10	0.69	17.5	200	1.38	0.15	0.22	152.4
1/2	12	0.84	21.3	200	1.38	0.2	0.3	152.4
3/4	19	1.14	29	200	1.38	0.34	0.51	152.4
1	25	1.47	37.3	200	1.38	0.58	0.86	137.2



SOUTHERN’S ORDER CODE : HIRRHxx (xx being the size, ie 1” would be HIRRH25MM)

## Application: Hot Water washdown, Grease proof

### **Product: Good Year Blue Fortress 300 with microban.**

A high-quality construction for hot water up to 200°F (93°C) cleanup service in food processing plants, dairies, packing houses, bottling plants, breweries, canneries and creameries. Its super abrasion and oil-resistant cover provides maximum protection against the adverse effects of oil and animal fats. The cover of our Blue Fortress® 300 hose incorporates Microban® antimicrobial built-in product protection. The white tube is comprised of FDA-compliant materials.

#### **CONSTRUCTION:**

Tube: White FDA-compliant nitrile synthetic rubber. Cover: Blue Carbryn™ synthetic rubber, RMA Class A (High Oil Resistance) with Microban product protection. Reinforcement: Spiral synthetic yarn

**TEMPERATURE RANGE:** -20°F to 200°F (-29°C to 93°C)

ID		NOM OD		Max. WP		Weight		Roll
in.	mm	in.	mm	psi	MPa	lbs./ft.	kg/m	Meter
1/2	12	0.90	22.8	300	2.07	0.3	0.45	152.4
3/4	19	1.19	30.2	300	2.07	0.44	0.65	152.4
1	25	1.50	38.1	300	2.07	0.64	0.95	137.2

**SOUTHERN'S ORDER CODE :** HIRBFxx (xx being the size, ie 1" would be HIRBF25MM)

## Application: Chemical Spray hose

### **Product: Good Year NR Spray.**

NR Spray is a premium-quality, all-purpose hose for handling a variety of applications such as paint spray or agricultural spray. Will handle spraying paints, automotive finish paints, lacquers, thinners, turpentine, air, oil, and a large variety of solvents and chemicals.

#### **CONSTRUCTION:**

Tube: Nylon, silicone-free

Cover: Black synthetic rubber, RMA Class B (Medium Oil Resistance)

Reinforcement: Braided synthetic yarn (1/4" and 3/8"—1 braid) (1/2", 3/4" and 1"—2 braid)

**TEMPERATURE RANGE:** 0°F to 190°F (-18°C to 88°C)

ID		NOM OD		Max. WP		Weight		Roll
in.	mm	in.	mm	psi	MPa	lbs./ft.	kg/m	Meter
1/4	6	0.49	12.4	750	5.17	0.08	0.12	152.4
3/8	10	0.70	17.8	750	5.17	0.15	0.22	152.4
1/2	12	0.87	22.1	750	5.17	0.22	0.33	152.4
3/4	19	1.19	30.2	750	5.17	0.36	0.54	152.4
1	25	1.51	38.4	750	5.17	0.54	0.80	137.2

**SOUTHERN'S ORDER CODE :** HIRNRSxx (xx being the size, ie 1" would be HIRNRS25MM)





**Application: Ducting**

**Product: TPR Ducting**

TPRD is constructed from a Thermo Plastic Rubber compound with a wire helix reinforcement. An excellent general purpose ducting with good abrasive qualities and U.V resistance. Colour: Black. Temperature Range: -50°C” to 100°C”.



Size (mm)		Bend radi- us mm	Roll size m
ID	OD		
39	1 ½	80	10
51	2	102	10
63	2 ½	126	10
76	3	152	10
89	3 ½	178	10
102	4	204	10
114	4 ½	228	10
127	5	254	10
152	6	304	10
178	7	356	10
203	8	406	10
229	9	458	10
254	10	508	10
305	12	610	10

**2.0 PVC HOSE RANGE**

**Application: Petroleum Transfer**

**Product: Petrolmaster Standard Code 1000**

The Petrolmaster range is designed specifically for the demands of the petro-chemical industry. Light weight, flexible hose designed for suction and delivery of petroleum based products.Suitable for road and rail tankers.

**CONSTRUCTION:**

Internal polypropylene film and fabric construction handle hydrocarbon based products. The internal and external wire helixes deliver the pressure handling characteristics and a tough PVC coated fabric forms the outer cover. Internal Wire - galvanised steel. External wire - galvanised steel.

ID		OD	Max. WP	Weight	Min Bend Ra- dius
in.	mm	mm	KPa	kg/m	mm
1”	25	32	700	0.8	60
1-1/4”	32	38	700	1.0	75
1-1/2”	38	48	700	1.3	75
2”	50	63	600	1.6	90
3”	75	90	500	2.8	125
4”	100	112	400	4.1	200

**TEMPERATURE RANGE:** -  
20°C to +80°C

**ROLL SIZES:** Made to length swaged and pressure tested with your selection of camlock fittings. We keep a 80mm 10m prefitted hose in stock.



SOUTHERN’S ORDER CODE : HIWWxx-xxM (xx being the size and length, ie 3” by 10m would be HIWW80-10M)



## 2.1 PVC HOSE RANGE

Quality Australian made PVC hose. We sell and support the Good Year range as it provides the best value for money solution for your hose requirements. Quality materials and quality engineering that make the product last longer and work for you.

### Application: Water Suction

### **Product: Barfell HD Grey Suction**

A tough flexible easy to handle suction and delivery hose for the transfer of water, concrete, slurry, sludge, waste matter, sand & gravel and general purpose applications. This new product is - 25% more flexible than standard Barfell H/D Grey Suction hose and suitable for cool climate conditions.

#### CONSTRUCTION:

PVC Material with a rigid PVC spiral.

Mirror smooth bore for increased pumping and pumping efficiency.

TEMPERATURE: -5°C to 60°C

Size (mm) ID      OD		Vacuum Rating kPa @20°C	Working Press @20°C MP      psi.		Weight Kg/m	Bend radius mm	Roll size m
25	31.4	-90.0	1.0	145	0.38	120	20
32	38.6	-90.0	0.9	130	0.51	150	20
38	45.6	-90.0	0.8	115	0.67	200	20
44.5	52.6	-90.0	0.7	100	0.83	240	20
50	59.6	-90.0	0.7	100	1.03	270	20
63	73.3	-90.0	0.6	85	1.45	330	20
76	88.0	-90.0	0.6	85	2.25	440	20
102	116.0	-90.0	0.5	75	3.04	620	20
127	143.0	-90.0	0.5	75	4.16	860	20
150	170.0	-90.0	0.3	45	6.46	1,100	20

**SOUTHERNS ORDER CODE : HIGSxxMM** (xx being the size, ie 4" would be HIGS100MM)





**Application: Medium duty suction & discharge, fuel and oil**

**Product: Barfell Black Boss MD**

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

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

**CONSTRUCTION:**

PVC Material with a rigid PVC spiral.

Mirror smooth bore for increased pumping and pumping efficiency.

Size (mm) ID      OD		Vacuum Rating kPa @20°C	Working Press @20°C MP      psi.		Weight Kg/m	Bend radius mm	Roll size m
25	32	-90.0	0.65	95	0.41	65	20
32	39	-90.0	0.65	95	0.54	100	20
38	46	-90.0	0.55	80	0.70	150	20
50	60	-90.0	0.45	65	1.07	190	20
63	74.1	-90.0	0.45	65	1.5	230	20
76	89	-90.0	0.45	65	2.25	330	20
102	116.0	-90.0	0.4	60	3.04	520	20



TEMPERATURE: -5°C to 60°C

**SOUTHERNS ORDER CODE : HIBLSxxMM** (xx being the size, ie 4” would be HIBLS100MM)

**Application: Heavy duty suction & discharge, fuel and oil**

**Product: Barfell Tigertail**

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

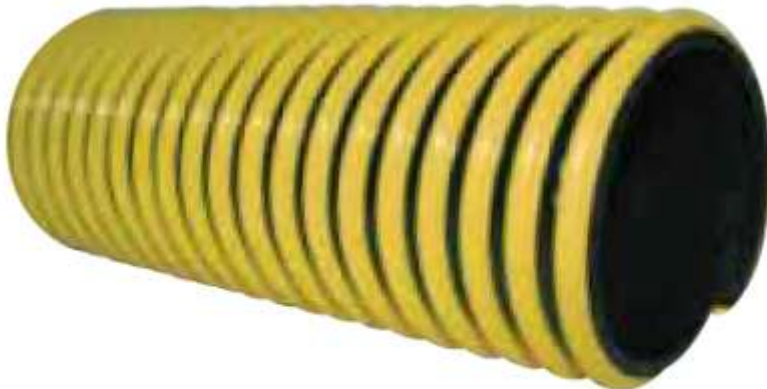
**CONSTRUCTION:**

Black PVC Material with a rigid exposed yellow PVC spiral for added protection from dragging.

Mirror smooth bore for increased pumping and pumping efficiency.

TEMPERATURE: -5°C to 60°C

Size (mm) ID      OD		Vacuum Rating kPa @20°C	Working Press @20°C MP      psi.		Weight Kg/m	Bend radius mm	Roll size m
50	61	-80.0	0.3	43	0.88	220	20
63	77	-80.0	0.3	43	1.27	270	20
76	91	-80.0	0.3	43	1.62	350	20
102	118	-80.0	0.3	43	2.43	450	20
127.8	149	-80.0	0.3	43	3.99	475	20
150	172	-80.0	0.3	43	5.10	500	20
200	224	-80.0	0.3	43	7.55	650	mto.



**SOUTHERNS ORDER CODE : HITTx** (xx being the size, ie 4” would be HIT100)



**Application: Air & Multipurpose washdown.**

**Product: Barfell Super Ultraflex**

General purpose air and water hose with a highly distinctive yellow & blue stripes, optimum flexibility, resilience & kink resistance. Suitable for general purpose air & water supply. Suitable for the conveyance of liquids, gases and many chemicals. Ideal for high pressure air lines and compressors. Exceeds AS/NZ2554 Class B for burst pressure, wall thickness, abrasion resistance, weathering resistance, low temperature flexibility, ozone resistance and bond strength.

Size (mm) ID      OD		Working Press kPa @20°C Mpa      Psi		Burst Press @20°C MP      psi.		Weight t Kg/m	Roll size m
6	12.8	2.0	290	8.0	1160	0.13	20, 100, 300
8	14.8	2.0	290	8.0	1160	0.16	20, 100, 300
10	16.6	2.0	290	8.0	1160	0.17	10, 20, 30, 100, 300
12.5	19.3	2.0	290	8.0	1160	0.19	20, 55, 100, 250
20	29	1.6	230	6.4	920	0.45	20,100
25	34.6	1.6	230	6.4	920	0.62	20, 100
31.5	42.9	1.6	230	6.4	920	1.15	20, 60
38	50.6	1.6	230	6.4	920	1.56	20, 40
50	63	1.6	230	6.4	920	2.40	20, 40

**CONSTRUCTION:**



PVC With polymer mesh reinforcement, black inner wall, yellow with blue stripe cover.

**SOUTHERN'S ORDER CODE : HISUxx** (xx being the size, ie 1" would be HISU25)

**Product: Barfell TMP II (food grade)**

A Translucent multi purpose food contact hose. It meets AS2070 1999, with a food contact inner and outer covering. The hose is highly flexible but kink resistant with a highly distinctive dual striping. Suitable for air, water, food and beverage liquids and semi liquids and petroleum based products.

Size (mm) ID      OD		Working Press kPa @20°C Mpa      Psi		Burst Press @20°C MP      psi.		Weight t Kg/m	Roll size m
6	10.2	1.4	200	5.6	800	0.08	20, 100, 300
8	12.4	1.4	200	5.6	800	0.10	20, 100, 300
10	15	1.4	200	5.6	800	0.14	20, 80, 100, 300
12.5	18.1	1.4	200	5.6	800	0.19	20, 55, 100, 250
16	22.8	1.4	200	5.6	800	0.30	20,100
20	27.6	1.4	200	5.6	800	0.40	20,100
25	33.4	1.4	200	5.6	800	0.54	20, 100
31.5	40.9	1.2	175	4.8	700	0.97	20, 60
38	49.8	1.2	175	4.8	700	1.32	20, 40
50	64.2	0.9	131	3.6	524	2.12	20, 40

**CONSTRUCTION:**

Clear PVC With polymer mesh reinforcement, clear outer with yellow and blue stripe. Meets AS2070 1999, with a



food contact inner and outer covering.





**Application: Hot Water Washdown.**

**Product: Barfell Hi Temp Multi purpose**

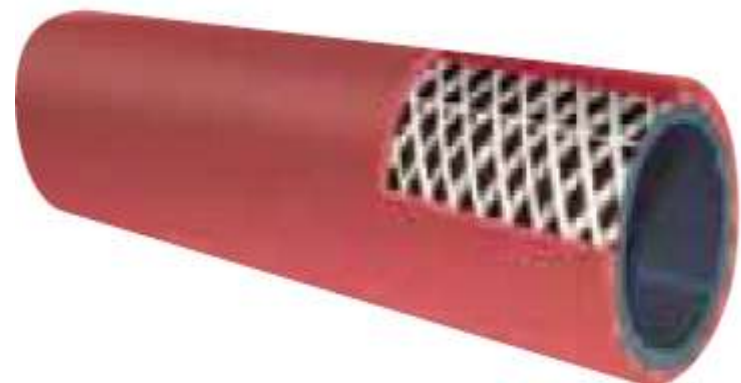
A new specialty hose with extremely high resistance to many chemicals including biodiesel and other hydrocarbons and solvents. Also retains strength at higher temperatures up to 90°C, if fitted correctly. Contact us for fitting advice.

**CONSTRUCTION:**

PVC With polymer mesh reinforcement, black inner wall, matt red outer wall.

**TEMPERATURE RANGE:** -5°C to 90°C Note: 12.5mm Biodiesel hose tested to 4.8Mpa burst at 95°C when fitted with crimped one piece fittings.

Size (mm) ID      OD		Working Press kPa @20°C Mpa      Psi		Burst Press @20°C MP      psi.		Weight Kg/m	Roll size m
10	17	2.1	300	8.4	1200	0.27	20,100
12.5	20.5	2.1	300	8.4	1200	0.37	20,100
20	29	2.1	300	8.4	1200	0.60	20,100



**SOUTHERN'S ORDER CODE : HIMPRxx** (xx being the size, ie 1” would be HIMPR25)

**Product: Barfell Hot Wash White**

The highest grade hose for hot washdown in the food industry. The thermoplastic rubber smooth outer cover is highly resistant to lactic acid and fats. For hot washdown of all food preparation and retail areas, where milk, fats and other food products are present.

**TEMPERATURE RANGE:** Rated to 85°C when used low pressure as a washdown hose.

**CONSTRUCTION:**

White PVC With polymer mesh reinforcement, white TPR smooth outer.

Size (mm) ID      OD		Working Press kPa @20°C Mpa      Psi		Burst Press @20°C MP      psi.		Weight Kg/m	Roll size m
12.5	19.7	2.0	290	8.0	1160	0.28	20,100
20	28	1.8	250	7.2	1000	0.48	20,100



**SOUTHERNS ORDER CODE : HIHWWxx** (xx being the size, ie 1” would be HIHWW25)

**Application: Fire Reel Hose.**

**Product: Barfell Black Fire reel**

Lightweight, flexible, resistant to UV light and has self extinguishing properties. For stationary or mobile hose reels in fire control systems located in commercial or public buildings. Also an excellent general purpose, economical water delivery hose. Manufactured to AS/NZ1221.

**CONSTRUCTION:**

PVC With polymer mesh reinforcement, black inner wall, outer in ribbed black.

Size (mm) ID      OD		Working Press kPa @20°C Mpa      Psi		Burst Press @20°C MP      psi.		Weight Kg/m	Roll size m
19	26	1.0	145	4.0	580	0.36	20, 30, 36, 50, 100
25	32	1.0	145	4.0	580	0.55	20,30, 36, 100



**SOUTHERN'S ORDER CODE : HIFRBxx** (xx being the size, ie 1” would be HIFRB25)



## Application: Chemical pressure and spray.

### **Product: Barfell 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 resistant and resistant to UV light.

#### **CONSTRUCTION:**

PVC With polymer mesh reinforcement, blue PVC/Nitrile inner wall, smooth black outer.



Size (mm) ID      OD		Working Press kPa @20°C Mpa      Psi		Burst Press @20°C MP      psi.		Weight Kg/m	Roll size m
8	14.4	2.1	297	8.4	1188	0.15	20, 100, 200
10	16.6	2.1	297	8.4	1188	0.19	20, 100, 200, 300
12.5	19.3	2.1	297	8.4	1188	0.22	20, 50, 100, 250
20	29	2.1	297	8.4	1188	0.42	20,100
25	34.6	2.1	297	8.4	1188	0.63	20, 100
31.5	42.9	2.1	297	8.4	1188	0.66	20, 30, 60
38	50.6	2.1	297	8.4	1188	1.35	20, 60

**SOUTHERN'S ORDER CODE : HISPxx** (xx being the size, ie 1" would be HISP25)

## Application: Cold water washdown

### **Product: Barfell Estate washdown**

Highly flexible premium hosr for watering parks and gardens. With high visability and two distinctive blue stripes, it is kink, burst and UV light resistant. Suitable for parks, gardens, and turf watering applications. Ideal as a general cold water wash down hose is cattle yards and dairy's.

#### **CONSTRUCTION:**

Black PVC With polymer mesh reinforcement tube, white smooth outer with 2 blue stripes.



Size (mm) ID      OD		Working Press kPa @20°C Mpa      Psi		Burst Press @20°C MP      psi.		Weight Kg/m	Roll size m
12.5	19	1.0	145	4.0	580	0.22	20, 100
20	29	1.0	145	4.0	580	0.40	20, 30, 100
25	34.6	1.0	145	4.0	580	0.58	20, 30, 100
31.5	42.9	1.0	145	4.0	580	0.85	20, 30, 100
38	50.6	1.0	145	4.0	580	1.11	20, 30, 60

**SOUTHERNS ORDER CODE : HIHWWExx** (xx being the size, ie 1" would be HIHWWE25M)



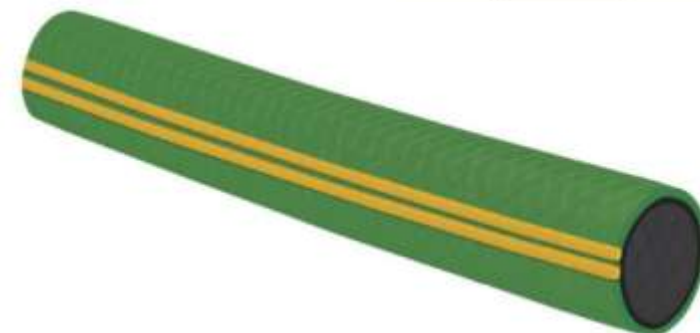
Product: Barfell Garden Hose

A high quality reinforced flexible garden hose. Excellent kink resistance and good UV light resistance. Suitable for general domestic use.

CONSTRUCTION:

Black PVC tube with polymer mesh reinforcement, smooth outer in green with 2 green stripes.

Size (mm)		Working Press		Burst Press		Weight Kg/m	Roll size m
ID	OD	kPa @20°C		@20°C			
		Mpa	Psi	MP	psi.		
12.5	17	0.6	90	2.4	360	0.15	20, 30, 100, 200
19	25.2	0.6	90	2.4	360	0.31	20, 30, 100



SOUTHERN’S ORDER CODE : HIGGxx (xx being the size, ie 3/4” would be HIGG19)

Product: Barfell Clear PVC Tube (CVT)

Non toxic tube manufactured to AS2070 1999 with excellent clarity, flexibility and mirror smooth bore for low friction flow. Suitable for food & beverage fluids, medical drainage and low pressure general delivery lines.

Size (mm)		Working Press		Weigh t g/m	Roll size m
ID	OD	kPa @20°C	Psi		
		Mpa			
3	5.0	0.9	125	17	30,300
4	7.0	0.8	120	35	30
5	8.0	0.8	115	42	30,100
6	9.0	0.6	90	48	30, 100
8	11.0	0.5	75	61	30, 150
10	13.0	0.4	60	74	30 ,130
12.5	15.5	0.5	70	90	30, 90
16	19.0	0.4	60	113	30, 60
19	23	0.4	50	181	30
25	31	0.4	50	360	30
32	38	0.3	40	452	30
38	46	0.3	40	712	30
50	60	0.3	40	1165	15

CONSTRUCTION: Clear PVC tube with no reinforment.



SOUTHERNS ORDER CODE : HICVTxx (xx being the size, ie 1” would be HICVT25M)



## Application: Beverage Dispensing tube.

### **Product: Barfell EVA Beverage**

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. For dispensing beverages, including beer and mixed drinks. Transferring most fluid and semi fluid foodstuffs.

#### **CONSTRUCTION:**

Translucent Ethylene Vinyl Acetate, no reinforcement.

Size (mm)		Working Press		Weight	Roll size
ID	OD	kPa @20°C		t	m
		Mpa	Psi	g/m	
4	7.0	0.28	40	24	100
5	8.0	0.28	40	30	100
6	10	0.28	40	49	100
8	12.5	0.28	40	70	100
10	15	0.28	40	93	100
12.7	17.5	0.28	40	110	100



**SOUTHERN'S ORDER CODE : HIEVAxx (xx being the size, ie 10mm would be HIEVA10)**

## Application: Pneumatics and hydraulics

### **Product: Barfell Nylon Tube**

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

#### **CONSTRUCTION:**

Solid black semi rigid nylon tube.

Nominal OD (mm)	Nominal Wall Thickness (mm)	Working Press kPa		Weight g/m	Roll size m
		@20°C Mpa	Psi		
4	0.7	2.0	290	7.6	100
5	0.85	2.0	290	11.8	100
6	1.0	2.0	290	16.6	100
8	1.4	2.0	290	30.9	100
10	1.7	2.0	290	47.2	100
12.7	2.0	2.0	290	66.8	100



**SOUTHERNS ORDER CODE : HINTxx (xx being the size, ie 10mm would be HINT10)**





**Application: Food and Beverage suction & discharge**

**Product: Barfell Red Wine hose**

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. 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.

**CONSTRUCTION:** Clear PVC with a Claret PVC Reinforcing Spiral Conforms to AS2070 and European standard EU2002-72-EC certified phenol free.

**TEMPERATURE RANGE:** -5°C to 60°C

Size (mm)		Vacuum Rating kPa @20°C	Working Press @20°C		Weight Kg/m	Bend radius mm	Roll size m
ID	OD		MP	psi.			
25	34	-90.0	0.7	100	0.6	160	20
32	41	-90.0	0.7	100	0.71	190	20
38	48	-90.0	0.6	85	0.82	230	20
50	62	-90.0	0.5	75	1.20	290	20
63	76	-90.0	0.5	75	1.73	360	20
76	90	-90.0	0.4	60	2.29	450	20
102	117	-90.0	0.4	60	3.33	640	20



**SOUTHERNS ORDER CODE :** HIWINExx (xx being the size, ie 25mm would be HIWINE25)

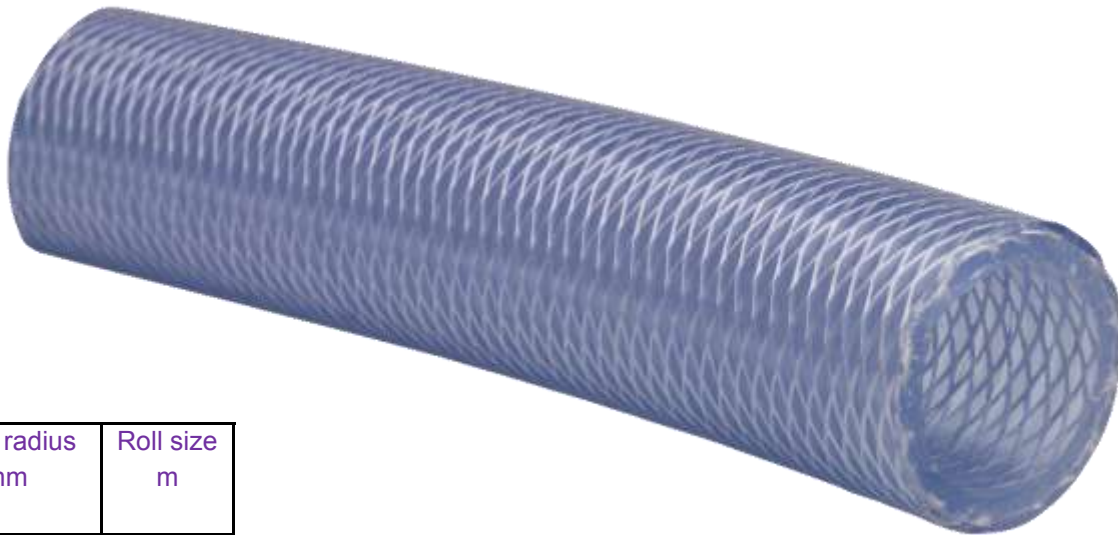
**Product: Barfell Clearview SP**

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 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. 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.

**CONSTRUCTION:** Clear PVC with a clear PVC reinforcing spiral and polymer mesh reinforcement. Conforms to AS2070 and European standard EU2002-72-EC certified phenol free.

**TEMPERATURE RANGE:** -5°C to 60°C

Size (mm)		Vacuum Rating kPa @20°C	Working Press @20°C		Weight Kg/m	Bend radius mm	Roll size m
ID	OD		MP	psi.			
25	35.4	-90.0	1.2	175	0.68	130	30
38	49.9	-90.0	1.2	175	1.01	220	30
50	64.4	-90.0	1.0	145	1.67	300	30
76	92.4	-90.0	1.0	145	2.57	490	20



**SOUTHERNS ORDER CODE :** HICVSPxx (xx being the size, ie 25mm would be HICVSP25)

## Application: Suction /Vacuum hose.

### **Product: Barfell Abrasion Resistant Urethane Suction**

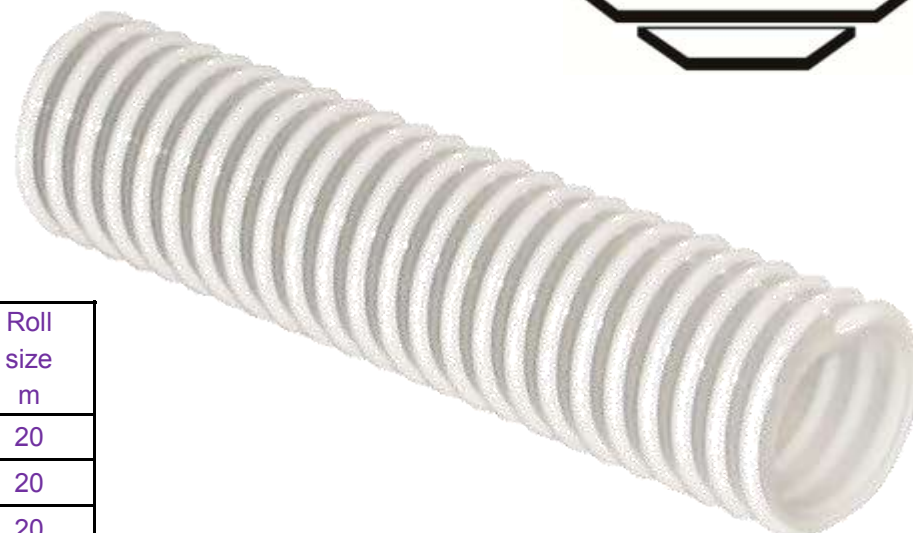
An extremely flexible hose with outstanding abrasion resistance due to the inclusion of urethane rubber. Barfell's latest and best hose for seeding equipment, soil and rock removal on vacuum diggers and street sweepers and any particulate collection in extreme environments. The best option for air seeder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

#### **CONSTRUCTION:**

Clear with a rigid white spiral.

**TEMPERATURE RANGE:** -5°C to 60°C

Size (mm) ID OD		Vacuum Rating kPa @20°C	Working Press @20°C MP psi.		Weight t Kg/m	Bend radius mm	Roll size m
32	40.5	-90.0	0.3	43	0.39	250	20
38	48	-90.0	0.3	43	0.45	310	20
50.8	61	-80.0	0.3	43	0.76	350	20
63	77	-70.0	0.3	43	1.46	370	20
76	91	-70.0	0.3	43	1.77	400	20
102	118	-70.0	0.3	43	3.48	500	20
127	149	-70.0	0.3	43	5.7	550	10,20
150	172	-60.0	0.3	43	6.63	600	10,20
203	227	-60.0	0.3	43	10.59	650	10,20



**SOUTHERN'S ORDER CODE : HIARUxx** (xx being the size, ie 25mm would be HIARU25)

### **Product: Barfell Clear Black Airseeder**

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 resistant. Suitable for primary, secondary and tertiary lines on air seeder machines.

#### **CONSTRUCTION:**

Clear PVC with black rigid PVC Spiral.

Size (mm) ID OD		Vacuum Rating kPa @20°C	Working Press @20°C MP psi.		Weight t Kg/m	Bend radius mm	Roll size m
25.2	31.4	-90.0	0.8	116	0.34	120	20
31.7	38.4	-90.0	0.7	102	0.47	150	20
37.8	45.4	-90.0	0.6	87	0.62	200	20
50.8	60	-80.0	0.5	72	0.93	300	20
64.2	73.8	-70.0	0.5	72	1.43	400	20
76	87.4	-70.0	0.4	58	2.02	450	20



**SOUTHERNS ORDER CODE : HICBAxx** (xx being the size, ie 25mm would be HICBA25MM)

Product: Barfell Barflo Ducting

A lightweight, flexible air seeder hose also suitable for many other less demanding applications. UV light stabilised. Secondary and tertiary lines on air seeder machines. Also suitable for water conveyance, ventilation duct on business machines and dust collection.



CONSTRUCTION: Black ribbed PVC duct.

Size (mm)		Weight Kg/m	Bend radius mm	Roll size m
ID	OD			
12.5	18.9	0.1	50	20
16	21.3	0.13	65	20
19	26	0.20	65	20
25	32.5	0.25	70	20
28	35.3	0.28	80	20
30.5	39.5	0.31	85	20
31.5	42	0.39	85	20
32	41	0.38	90	20
33.5	43.7	0.40	90	20
35	45	0.42	90	20
38	47.3	0.45	100	20
44	53.8	0.48	110	20
50	63.3	0.85	125	20
63	74.3	1.0	200	20
76	87.8	1.1	250	20
102	114.3	2.0	400	20



SOUTHERNS ORDER CODE : HIBFLOWxx (xx being the size, ie 100mm would be HIBFLOW100MM)

Application: Layflat water delivery.

Product: Sunnyhose Layflat MD (Blue)

Made from PVC compound, reinforced with high strength yarns and is a one piece construction. Suitable for irrigation or drainage, washdown, water supply for construction sites or general dewatering.



Size		Working pressure@20°C		Weight g/m	Roll size m
ID (mm)	Wall thickness (mm)	Mpa	psi		
25	1.5	0.7	100	165	100
32	1.45	0.7	100	200	100
40	1.25	0.5	73	205	100
50	1.30	0.45	65	270	100
65	1.50	0.4	58	380	100
75	1.70	0.35	58	530	100
100	1.75	0.3	58	705	100
125	1.85	0.3	44	935	100
150	1.95	0.3	44	1175	100
200	2.2	0.3	44	1785	100
250	2.65	0.25	36	2650	100
300	2.55	0.2	30	2910	100
350	2.70	0.2	30	3650	100
400	2.70	0.2	30	4287	100

SOUTHERNS ORDER CODE : HILFxx (xx being the size, ie 100mm would be HILF100MM)





## Product: Sunnyhose Layflat HD (Red)

A tough abrasion resistant heavy duty hose made from PVC compound and reinforced with high tensile strength yarn. Suitable for de-watering pits, building sites, dams, mines and quarries. Also suitable for pumping more abrasive slurries.

Size		Working pressure@20°C		Weight g/m	Roll size m
ID (mm)	Wall thickness (mm)	Mpa	psi		
40	1.90	1.0	152	290	100
50	2.05	1.0	152	420	100
65	2.15	1.0	152	540	100
75	2.25	0.9	130	660	100
100	2.55	0.9	130	1000	100
150	2.95	0.7	100	1680	100
200	2.95	0.5	75	2200	100



**SOUTHERNS ORDER CODE : HILFRxx (xx being the size, ie 100mm would be HILFR100MM)**

## 3.1 HOSE FITTING RANGE

### Application: Compressed Air Couplings

### **Product: Barfell Type 4 (Nitto Style) Compressed Air fittings.**

Quality chrome plated brass air fittings in a range of sizes and combinations.

#### Couplers (pictured below)

#### Adaptors (pictured below)

##### Coupler to hose tail

Coupler with 3/8" hose tail



CODE: FAC293408

Coupler with 1/2" hose tail  
CODE: FAC293409

Coupler to thread.  
Coupler to 3/8" M BSP  
CODE: FAC293404

Coupler to 3/8" F BSP  
CODE: FAC293401



##### Adaptor to hose tail

Adaptor with 3/8" hose tail  
CODE: FAA 293458

##### Adaptor to thread

Adaptor to 3/8" F BSP  
CODE: FAA 293451

Adaptor to 1/2" F BSP  
CODE: FAA 293452

Adaptor to 1/4" M BSP  
CODE: FAA 293453

Adaptor to 3/8" M BSP  
CODE: FAA 293454

Adaptor to 1/2" M BSP  
CODE: FAA 293455



# 3.2 HOSE FITTING RANGE cont.

## Product: Camlock Fittings



TYPE A CAMLOCK MALE CAMLOCK x FEM BSP				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPA15	FCAA15	FCSA15
3/4"	20	FCPA20	FCAA20	FCSA20
1"	25	FCPA25	FCAA25	FCSA25
1 1/2"	40	FCPA40	FCAA40	FCSA40
2"	50	FCPA50	FCAA50	FCSA50
2 1/2"	65	FCPA65	FCAA65	FCSA65
3"	80	FCPA80	FCAA80	FCSA80
4"	100	FCPA100	FCAA100	FCSA100



TYPE B CAMLOCK FEM CAMLOCK x MALE BSP				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPB15	FCAB15	FCSB15
3/4"	20	FCPB20	FCAB20	FCSB20
1"	25	FCPB25	FCAB25	FCSB25
1 1/2"	40	FCPB40	FCAB40	FCSB40
2"	50	FCPB50	FCAB50	FCSB50
2 1/2"	65	FCPB65	FCAB65	FCSB65
3"	80	FCPB80	FCAB80	FCSB80
4"	100	FCPB100	FCAB100	FCSB100



TYPE C CAMLOCK				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPC15	FCAC15	FCSC15
3/4"	20	FCPC20	FCAC20	FCSC20
1"	25	FCPC25	FCAC25	FCSC25
1 1/2"	40	FCPC40	FCAC40	FCSC40
2"	50	FCPC50	FCAC50	FCSC50
2 1/2"	65	FCPC65	FCAC65	FCSC65
3"	80	FCPC80	FCAC80	FCSC80
4"	100	FCPC100	FCAC100	FCSC100

## 3.2 HOSE FITTING RANGE cont.

### Product: Camlock Fittings



#### TYPE D CAMLOCK FEM CAMLOCK x FEM BSP

SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPD15	FCAD15	FCSD15
3/4"	20	FCPD20	FCAD20	FCSD20
1"	25	FCPD25	FCAD25	FCSD25
1 1/2"	40	FCPD40	FCAD40	FCSD40
2"	50	FCPD50	FCAD50	FCSD50
2 1/2"	65	FCPD65	FCAD65	FCSD65
3"	80	FCPD80	FCAD80	FCSD80
4"	100	FCPD100	FCAD100	FCSD100

#### TYPE E CAMLOCK MALE CAMLOCK x HOSE TAIL

SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPE15	FCAE15	FCSE15
3/4"	20	FCPE20	FCAE20	FCSE20
1"	25	FCPE25	FCAE25	FCSE25
1 1/2"	40	FCPE40	FCAE40	FCSE40
2"	50	FCPE50	FCAE50	FCSE50
2 1/2"	65	FCPE65	FCAE65	FCSE65
3"	80	FCPE80	FCAE80	FCSE80
4"	100	FCPE100	FCAE100	FCSE100

#### TYPE F CAMLOCK MALE CAMLOCK x MALE BSP

SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPF15	FCAF15	FCSF15
3/4"	20	FCPF20	FCAF20	FCSF20
1"	25	FCPF25	FCAF25	FCSF25
1 1/2"	40	FCPF40	FCAF40	FCSF40
2"	50	FCPF50	FCAF50	FCSF50
2 1/2"	65	FCPF65	FCAF65	FCSF65
3"	80	FCPF80	FCAF80	FCSF80
4"	100	FCPF100	FCAF100	FCSF100

For pricing and ordering call

08 9721 3577 or [sales@southernswater.com.au](mailto:sales@southernswater.com.au)

### 3.2 HOSE FITTING RANGE cont.

Product: Camlock Fittings



TYPE DC CAMLOCK DUST CAP				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPDC15	FCADC15	FCSDC15
3/4"	20	FCPDC20	FCADC20	FCSDC20
1"	25	FCPDC25	FCADC25	FCSDC25
1 1/2"	40	FCPDC40	FCADC40	FCSDC40
2"	50	FCPDC50	FCADC50	FCSDC50
2 1/2"	65	FCPDC65	FCADC65	FCSDC65
3"	80	FCPDC80	FCADC80	FCSDC80
4"	100	FCPDC100	FCADC100	FCSDC100



TYPE DP CAMLOCK DUST PLUG				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCPDP15	FCADP15	FCSDP15
3/4"	20	FCPDP20	FCADP20	FCSDP20
1"	25	FCPDP25	FCADP25	FCSDP25
1 1/2"	40	FCPDP40	FCADP40	FCSDP40
2"	50	FCPDP50	FCADP50	FCSDP50
2 1/2"	65	FCPDP65	FCADP65	FCSDP65
3"	80	FCPDP80	FCADP80	FCSDP80
4"	100	FCPDP100	FCADP100	FCSDP100



CAMLOCK WASHER RUBBER				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	ALUM	316 SS
1/2"	15	FCW15	FCW15	FCW15
3/4"	20	FCW20	FCW20	FCW20
1"	25	FCW25	FCW25	FCW25
1 1/2"	40	FCW40	FCW40	FCW40
2"	50	FCW50	FCW50	FCW50
2 1/2"	65	FCW65	FCW65	FCW65
3"	80	FCW80	FCW80	FCW80
4"	100	FCW100	FCW100	FCW100

## 3.3 HOSE FITTING RANGE



### Threaded Fitting Range

Full range of 316 stainless steel, galvanised steel, brass and poly. On the shelf in Bunbury.



Threaded reducing bush					
SIZE		SOUTHERN'S ORDER CODE			
INCHES	MM	POLY	GALV STEEL	316 STAINLESS	BRASS
1/4" x 1/8"	08 x 06	FTFB0806	-	FSB0806	FBB0806
3/8" x 1/8"	10 x 06	-	-	FSB1006	FBB1006
3/8" x 1/4"	10 x 08	FTFB1008	-	FSB1008	FBB1008
1/2" x 1/8"	15 x 06	FTFB1506	-	FSB1506	FBB1506
1/2" x 1/4"	15 x 08	FTFB1508	-	FSB1508	FBB1508
1/2" x 3/8"	15 x 10	FTFB1510	-	FSB1510	FBB1510
3/4" x 1/4"	20 x 08	FTFB2008	-	-	-
3/4" x 3/8"	20 x 10	-	-	FSB2010	FBB2010
3/4" x 1/2"	20 x 15	FPSB2015	FGSB2015	FSB2015	FBB2015
1 x 3/8"	25 x 10	-	-	FSB2510	-
1 x 1/2"	25 x 15	FPSB2515	-	FSB2515	-
1 x 3/4"	25 x 20	FPSB2520	FGSB2520	FSB2520	FBB2520
1 1/4" x 3/4"	32 x 20	FPSB3220	FGSB3220	FSB3220	-
1 1/4" x 1"	32 x 25	FPSB3225	FGSB3225	FSB3225	FBB3225
1 1/2" x 1/2"	40 x 15	-	-	FSB4015	-
1 1/2" x 3/4"	40 x 20	FPSB4020	-	FSB4020	-
1 1/2" x 1"	40 x 25	FPSB4025	FGSB4025	FSB4025	FBB4025
1 1/2" x 1 1/4"	40 x 32	FPSB4032	-	FSB4032	FBB4032
2" x 1/2"	50 x 15	-	-	FSB5015	-
2" x 3/4"	50 x 20	FPSB5020	-	FSB5020	-
2" x 1"	50 x 25	FPSB5025	FGSB5025	FSB5025	FBB5025
2" x 1 1/4"	50 x 32	FPSB5032	-	FSB5032	FBB5032
2" x 1 1/2"	50 x 40	FPSB5040	FGSB5040	FSB5040	FBB5040
2 1/2" x 1 1/2"	65 x 40	-	-	FSB6540	-
2 1/2" x 2"	65 x 50	FPSB6550	FGSB6550	FSB6550	-
3" x 1 1/2"	80 x 40	-	-	FSB8040	-
3" x 2"	80 x 50	FPSB8050	FGSB8050	FSB8050	-
3" x 2 1/2"	80 x 65	FPSB8065	FGSB8065	FSB8065	-
4" x 2"	100 x 50	FPSB10050	-	FSB10050	-
4" x 2 1/2"	100 x 65	FPSB10065	FGSB10065	FSB10065	-
4" x 3"	100 x 80	FPSB10080	FGSB10080	FSB10080	-
5" x 4"	125 x 100	-	-	FSB125100	-

For pricing and ordering call

08 9721 3577 or [sales@southernswater.com.au](mailto:sales@southernswater.com.au)





BSP Threaded 90 deg elbow							
SIZE		SOUTHERN'S ORDER CODE					
INCHES	MM	POLY		GALV STEEL		316 STAINLESS	
		Fem x Fem	Male x Fem	Fem x Fem	Male x Fem	Fem x Fem	Male x Fem
1/2"	15	FPEFF15	FPEMF15	FGEFF15	FGEMF15	FSEFF15	FSEMF15
3/4"	20	FPEFF20	FPEMF20	FGEFF20	FGEMF20	FSEFF20	FSEMF20
1"	25	FPEFF25	FPEMF25	FGEFF25	FGEMF25	FSEFF25	FSEMF25
1 1/4"	32	FPEFF32	FPEMF32	FGEFF32	FGEMF32	FSEFF32	FSEMF32
1 1/2"	40	FPEFF40	FPEMF40	FGEFF40	FGEMF40	FSEFF40	FSEMF40
2"	50	FPEFF50	FPEMF50	FGEFF50	FGEMF50	FSEFF50	FSEMF50
2 1/2"	65	FPEFF65	-	FGEFF65	-	FSEFF65	-
3"	80	FPEFF80	-	FGEFF80	-	FSEFF80	-
4"	100	FPEFF100	-	FGEFF100	-	FSEFF100	-





## Threaded Fitting Range cont.

Full range of 316 stainless steel, galvanised steel, brass and poly.  
On the shelf in Bunbury.

### BSP Threaded equal tee

SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	GALV STEEL	316 STAINLESS
1/8"	06	-	-	FST06
1/4"	08	-	-	FST08
3/8"	10	-	-	FST10
1/2"	15	FPST15	FGT15	FST15
3/4"	20	FPST20	FGT20	FST20
1"	25	FPST25	FGT25	FST25
1 1/4"	32	FPST32	FGT32	FST32
1 1/2"	40	FPST40	FGT40	FST40
2"	50	FPST50	FGT50	FST50
2 1/2"	65	FPST65	FGT65	FST65
3"	80	FPST80	FGT80	FST80
4"	100	FPST100	FGT100	FST100

### BSP Threaded barrel union

SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	GALV STEEL	316 STAINLESS
1/2"	15	FPSBU15	FGU15	-
3/4"	20	FPSBU20	FGU20	FSBU20
1"	25	FPSBU25	FGU25	FSBU25
1 1/4"	32	FPSBU32	FGU32	-
1 1/2"	40	FPSBU40	FGU40	FSBU40
2"	50	FPSBU50	FGU50	FSBU50
2 1/2"	65	-	-	
3"	80	-	FGU80	
4"	100	-	FGU100	

## Threaded Fitting Range cont.

Full range of 316 stainless steel, galvanised steel, brass and poly.  
On the shelf in Bunbury.

**Philmac**®

Threaded BSP reducing nipples					
SIZE		SOUTHERN'S ORDER CODE			
INCHES	MM	POLY	GALV STEEL	316 STAINLESS	BRASS
¼" x 1/8"	08 x 06	FTN0806	-	FSN0806	FBN0806
3/8" x 1/4"	10 x 08	FTFN1008	-	FSN1008	FBN1008
½" x 1/8"	15 x 06	-	-	FSN1506	-
½" x ¼"	15 x 08	FTFN1508	-	FSN1508	FBN1508
½" x 3/8"	15 x 10	FTFN1510	-	FSN1510	-
¾" x ¼"	20 x 08	-	-	FSN2008	-
¾" x ½"	20 x 15	FPSN2015	FGN2015	FSN2015	FBN2015
1 x ½"	25 x 15	FPSN2515	FGN2515	FSN2515	-
1 x ¾"	25 x 20	FPSN2520	FGN2520	FSN2520	FBN2520
1 ¼" x ¾"	32 x 20	FPSN3220	FGN3220	FSN3220	-
1 ¼" x 1"	32 x 25	FPSN3225	FGN3225	FSN3225	-
1 ½" x ½"	40 x 15	-	-	FSN4015	-
1 ½" x ¾"	40 x 20	FPSN4020	FGN4020	FSN4020	-
1 ½" x 1"	40 x 25	FPSN4025	FGN4025	FSN4025	FBN4025
1 ½" x 1 ¼"	40 x 32	FPSN4032	-	FSN4032	FBN4032
2" x ¾"	50 x 20	FPSN5020	-	-	-
2" x 1"	50 x 25	FPSN5025	FGN5025	FSN5025	-
2" x 1 ¼"	50 x 32	FPSN5032	-	-	-
2" x 1 ½"	50 x 40	FPSN5040	FGN5040	FSN5040	FBN5040
2 ½" x 2"	65 x 50	FPSN6550	FGN6550	-	-
3" x 2"	80 x 50	FPSN8050	FGN8050	FSN8050	-
3" x 2 ½"	80 x 65	FPSN8065	FGN8065	FSN8065	-
4" x 2"	100 x 50	FPSN10050	FGN10050	FSN10050	-
4" x 2 ½"	100 x 65	FPSN10065	-	FSN10065	-
4" x 3"	100 x 80	FPSN10080	FGN10080	FSN10080	-



## Threaded Fitting Range cont.

Full range of 316 stainless steel, galvanised steel, brass and poly.  
On the shelf in Bunbury



BSP Threaded nipple				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	GALV STEEL	316 STAINLESS
1/8"	06	FTFN06	-	FSN06
1/4"	08	FTFN08	-	FSN08
3/8"	10	FTFN10	-	FSN10
1/2"	15	FPSN15	FGN15	FSN15
3/4"	20	FPSN20	FGN20	FSN20
1"	25	FPSN25	FGN25	FSN25
1 1/4"	32	FPSN32	FGN32	FSN32
1 1/2"	40	FPSN40	FGN40	FSN40
2"	50	FPSN50	FGN50	FSN50
2 1/2"	65	FPSN65	FGN65	FSN65
3"	80	FPSN80	FGN80	FSN80
4"	100	FPSN100	FGN100	FSN100

BSP Threaded sockets					
SIZE		SOUTHERN'S ORDER CODE			
INCHES	MM	POLY	GALV STEEL	316 STAINLESS	BRASS
1/8"	06	FTFS06	-	FSS06	FBS06
1/4"	08	FTFS08	-	FSS08	FBS08
3/8"	10	FTFS10	-	FSS10	FBS10
1/2"	15	FPSS15	FGS15	FSS15	FBS15
3/4"	20	FPSS20	FGS20	FSS20	FBS20
1"	25	FPSS25	FGS25	FSS25	FBS25
1 1/4"	32	FPSS32	FGS32	FSS32	FBS32
1 1/2"	40	FPSS40	FGS40	FSS40	FBS40
2"	50	FPSS50	FGS50	FSS50	FBS50
2 1/2"	65	FPSS65	FGS65	FSS65	-
3"	80	FPSS80	FGS80	FSS80	-
4"	100	FPSS100	FGS100	FSS100	-

For pricing and ordering call

08 9721 3577 or [sales@southernswater.com.au](mailto:sales@southernswater.com.au)



## Threaded Fitting Range cont.

Full range of 316 stainless steel, galvanised steel, brass and poly.  
On the shelf in Bunbury.



### Threaded BSP reducing sockets

SIZE		SOUTHERN'S ORDER CODE	
INCHES	MM	POLY	GALV STEEL
3/4" x 1/2"	20 x 15	FPSS2015	FGS2015
1 x 1/2"	25 x 15	FPSS2515	-
1 x 3/4"	25 x 20	FPSS2520	FGS2520
1 1/4" x 1"	32 x 25	FPSS3225	-
1 1/2" x 3/4"	40 x 20	FPSS4020	FGS4020
1 1/2" x 1"	40 x 25	FPSS4025	FGS4025
1 1/2" x 1 1/4"	40 x 32	FPSS4032	FGS4032
2" x 1"	50 x 25	FPSS5025	FGS5025
2" x 1 1/4"	50 x 32	FPSS5032	-
2" x 1 1/2"	50 x 40	FPSS5040	FGS5040
2 1/2" x 2"	65 x 50	FPSS6550	-
3" x 2"	80 x 50	FPSS8050	FGS8050
3" x 2 1/2"	80 x 65	FPSS8065	-
4" x 3"	100 x 80	FPSS10080	FGS10080

### Hosetail with Male BSP thread (Lump end)

SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	BRASS	316 STAINLESS
1/8"	06	-	FBHT06	FSHT06
1/4"	08	-	-	FSHT08
3/8"	10	-	FBHT10	FSHT10
1/2"	15	FPSHT15	FBHT15	FSHT15
3/4"	20	FPSHT20	FBHT20 and swivel	FSHT20
1"	25	FPSHT25	FBHT25	FSHT25
1 1/4"	32	FPSHT32	FBHT32	FSHT32
1 1/2"	40	FPSHT40	FBHT40	FSHT40
2"	50	FPSHT50	FBHT50	FSHT50
2 1/2"	65	FPSHT65	FBHT65	FSHT65
3"	80	FPSHT80	FBHT80	FSHT80
4"	100	FPSHT100	FBHT100	FSHT100

# Threaded Fitting Range cont.

Full range of 316 stainless steel, galvanised steel, brass and poly.  
On the shelf in Bunbury



Nut & Tail			
SIZE		SOUTHERN'S ORDER CODE	
INCHES	MM	POLY	BRASS
1/2"	15	FPSNT15	FBNT15
3/4" x 1/2"	20 x 15	-	FBNT2015
3/4"	20	FPSNT20	FBNT20
1" x 1/2"	25 x 15	-	FBNT2515
1" x 3/4"	25 x 20	-	FBNT2520
1"	25	FPSNT25	FBNT25
1 1/4"	32	FPSNT32	FBNT32
1 1/2"	40	FPSNT40	FBNT40
2"	50	FPSNT50	FBNT50
3"	80	FPSNT80	FBNT80
4"	100	FPSNT100	FBNT100

BSP Plug ↓				
SIZE		SOUTHERN'S ORDER CODE		
INCHES	MM	POLY	GALV STEEL	316 STAINLESS
1/8"	06	FTFP06	-	FSP06
1/4"	08	FTFP08	-	FSP08
3/8"	10	FPSP10	-	FSP10
1/2"	15	FPSP15	FGP15	FSP15
3/4"	20	FPSP20	FGP20	FSP20
1"	25	FPSP25	FGP25	FSP25
1 1/4"	32	FPSP32	FGP32	FSP32
1 1/2"	40	FPSP40	FGP40	FSP40
2"	50	FPSP50	FGP50	FSP50
2 1/2"	65	FPSP65	FGP65	FSP65
3"	80	FPSP80	FGP80	FSP80
4"	100	FPSP100	FGP100	FSP100

BSP Cap ↑			
SIZE		SOUTHERN'S ORDER CODE	
INCHES	MM	POLY	GALV STEEL
1/2"	15	FPSC15	FGC15
3/4"	20	FPSC20	FGC20
1"	25	FPSC25	FGC25
1 1/4"	32	FPSC32	FGC32
1 1/2"	40	FPSC40	FGC40
2"	50	FPSC50	FGC50
2 1/2"	65	FPSC65	FGC65
3"	80	FPSC80	FGC80
4"	100	FPSC100	FGC100



# 4.0 Hose Clamps

Full range of 316 stainless steel Norma screw and Bolt type Clamps.  
Oetiker ear clamps and Band-it strapping available too.  
We can build hose assemblies if required.



The absolute best design and quality on the market.  
Does not tear or pull the hose surface and clamps  
solid first time and every time.



NORMA TORRO SCREW TYPE W4		
ALL STAINLESS STEEL		
SIZE RANGE (MM)	BAND WIDTH	SOUTHERN'S ORDER CODE
8-16	9	HC08-16W4
10-16	7.5	HC10-16W3
12-20	9	HC12-20W4
16-27	12	HC16-27W4
20-32	12	HC20-32W4
25-40	12	HC25-40W4
30-45	12	HC30-45W4
35-50	12	HC35-50W4
40-60	12	HC40-60W4
50-70	12	HC50-70W4
70-90	12	HC70-90W4
80-100	12	HC80100W4
90-110	12	HC90-110W4
100-120	12	HC100-120W4
110-130	12	HC110-130W4
120-140	12	HC120-140W4
130-150	12	HC130-150W4
140-160	12	HC140-160W4
150-170	12	HC150-170W4
160-180	12	HC160-180W4
170-190	12	HC170-190W4
180-200	12	HC180-200W4
200-220	12	HC200-220W4
210-230	12	HC210-230W4
230-250	12	HC230-250W4



# Hose Clamps

Full range of 316 stainless steel Norma screw and Bolt type Clamps.  
Oetiker ear clamps and Band-it strapping available too.  
We can build hose assemblies if required.

NORMACLAMP® GBSM Heavy Duty Bolt Clamps are built for those applications where a high strength clamp is required. The Mechanical Lock design delivers

- 1: 3 times higher band tension (Sealability).
- 2: 2 times improved tightening torque.
- 3: 2 times improved failure torque.

The GBSM clamp delivers a firm but gentle grip on tough industrial hoses such as suction and pressure hose.



NORMA GBSM BOLT TYPE W4 ALL STAINLESS STEEL		
SIZE RANGE	BAND WIDTH (MM)	SOUTHERN'S ORDER CODE
17-19	18	HCB17-19W4
21-23	18	HCB21-23W4
23-25	18	HCB23-25W4
25-27	18	HCB25-27W4
27-29	18	HCB27-29W4
29-31	18	HCB29-31W4
31-34	18	HCB31-34W4
34-37	18	HCB34-37W4
40-43	18	HCB40-43W4
43-47	20	HCB43-47W4
47-51	20	HCB47-51W4
51-55	20	HCB51-55W4
55-59	20	HCB55-59W4
59-63	20	HCB59-63W4
63-68	20	HCB63-68W4
68-73	25	HCB68-73W4
74-79	25	HCB74-79W4
79-85	25	HCB79-85W4
85-91	25	HCB85-91W4
91-97	25	HCB91-97W4
97-104	25	HCB97-104W4
104-112	25	HCB104-112W4
112-121	25	HCB112-121W4
121-130	25	HCB121-130W4
130-140	30	HCB130-140W4
140-150	30	HCB140-150W4
150-162	30	HCB150-162W4
162-174	30	HCB162-174W4
174-187	30	HCB174-187W4
187-200	30	HCB187-200W4
200-213	30	HCB200-213W4
214-226	30	HCB214-226W4
226-239	30	HCB226-239W4
240-259	30	HCB240-259W4

WE CAN ALSO SUPPLY OTHER TYPES OF CLAMP AND CAN ASSEMBLE BAND –IT STRAPPING AND OETIKER CLAMPS TO HOSES IN OUR WORKSHOP TO YOUR REQUIREMENTS

For pricing and ordering call

08 9721 3577 or [sales@southernswater.com.au](mailto:sales@southernswater.com.au)



## 5.0 Valves

Full range of 316 stainless steel, galvanised steel, brass and poly.  
Ball, gate, butterfly and check valves  
On the shelf in Bunbury.



### Ball Valve Fem x Fem BSP

SIZE		SOUTHERN'S ORDER CODE			
INCHES	MM	PVC	PHILMAC POLY PN16	CHROME PLATED BRASS	316 STAINLESS STEEL
1/4"	08	-	-	VBB08	VBS08
3/8"	10	-	-	VBB10	VBS10
1/2"	15	VBPV15	VBP15	VBB15	VBS15 (1 Piece) VBS153P (3 piece)
3/4"	20	VBPV20	VBP20	VBB20	VBS20 (1 Piece) VBS203P (3 piece)
1"	25	VBPV25	VBP25	VBB25	VBS15 (1 Piece) VBS252P (2 piece) VBS253P (3 piece)
1 1/4"	32	VBPV32	VBP32	VBB32	VBS32
1 1/2"	40	VBPV40	VBP40	VBB40	VBS40
2"	50	VBPV50	VBP50	VBB50	VBS50
2 1/2"	65	-	-	VBB65	VBS65
3"	80	-	-	VBB80	VBS80
4"	100	-	-	VBB100	VBS100

### Gate Valve Fem x Fem BSP

SIZE		SOUTHERN'S ORDER CODE
INCHES	MM	BRASS
1/4"	08	-
3/8"	10	-
1/2"	15	VGB15
3/4"	20	VGB20
1"	25	VGB25
1 1/4"	32	VGB32
1 1/2"	40	VGB40
2"	50	VGB50
2 1/2"	65	VGB65
3"	80	VGB80
4"	100	VGB100



## 5.0 Valves

Full range of 316 stainless steel, galvanised steel, brass and poly.  
Ball, gate, butterfly and check valves  
On the shelf in Bunbury.



Check Valves Fem x Fem BSP					
SIZE		SOUTHERN'S ORDER CODE			
INCHES	MM	PHILMAC POLY SPRING PN16	BRASS SPRING	BRASS SWING	WAFER CHECK (TABLE D/ E)
3/8"	10	-	VCB10	-	-
1/2"	15	VCP15	VCB15	VCBSW15	-
3/4"	20	VCP20	VCB20	VCBSW20	-
1"	25	VCP25	VCB25	VCBSW25	-
1 1/4"	32	VCP32	VCB32	VCBSW32	-
1 1/2"	40	VCP40	VCB40	VCBSW40	-
2"	50	VCP50	VCB50	VCBSW50	VCW50
2 1/2"	65	-	-	-	VCW65
3"	80	-	VCB80	VCBSW80	VCW80
4"	100	-	VCB100	VCBSW100	VCW100
6"	150	-	-	-	VCW150
8"	200	-	-	-	VCW200

Wafer Butterfly Table D/E  
Watermarked NBR Rubber Gaskets

SIZE		SOUTHERN'S ORDER CODE
INCHES	MM	BRASS
2"	50	VBF50
2 1/2"	65	VBF65
3"	80	VBF80
4"	100	VBF100
5"	125	VBF125
6"	150	VBF150
8"	200	VBF200
10"	250	VBF250
12"	300	VBF300





## 6.0 Hose Nozzles

Wide range of materials and styles.  
On the shelf in Bunbury.



1. Red Fire nozzle with hose barb. Available in 20 & 25mm.

**HNHF20 HNF25**



2. Powerjet fire and washdown nozzle. Available in 40mm with 40mm Female BSP.

**HNHF40**

3. Anka brand poly washdown nozzle. Hard wearing reliable quality. Available in 20, 25, 32 and 40mm with Female BSP.

**HNANKAxx -20,-25,-32,-40**



4. Dinga style washdown gun. Brass body, Rubber coated for hard wearing high use applications. Available with an without trigger guard. 12mm with Female BSP.

**HNDINGA12**

5. HR Pistol. Small brass washdown pistol when size and price matter. Plastic handle, with 1/2" snap on hose connector.

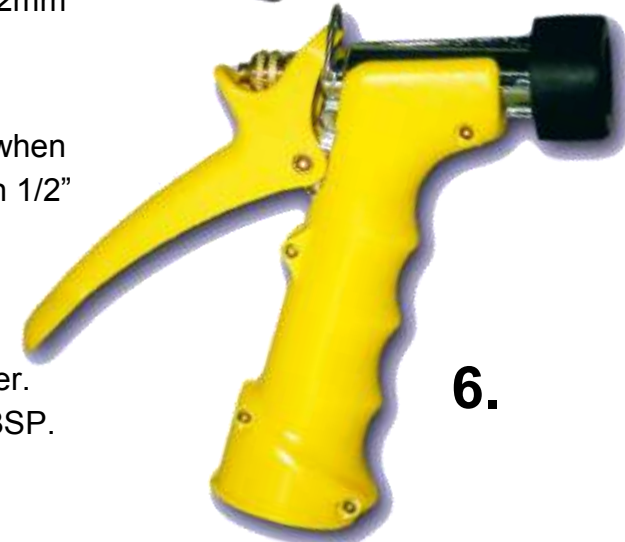
**HNHR-PISTOL**

6. Yellow hot water pistol. Brass pistol style washdown nozzle that can handle hot water. PVC trigger and handle. 12mm Female BSP.

**HNHWPISTOL**

7. Hot water washdown and fire nozzle. Heavy duty, machined brass body and heavy duty poly outer. WA made and designed to last. Available with 20mm Male BSP.

**HNHW20**





Montego Nominees Pty Ltd  
ATF the Southern's Water Technology Trust  
trading as **Southern's Water Technology**  
**ABN 75 482 638 214**  
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