

B.L. Shipway

ESTABLISHED 1953

Air Seeder Hose Range

**SA's WIDEST RANGE & LARGEST STOCK OF
AIR SEEDER HOSE**

SEASON 2024

**EXCITING
NEW
LOCATION**

70 **+** **YEARS**
SERVING SOUTH AUSTRALIA

CAMDEN PARK

71 Morphett Rd, Camden Park SA 5038

Ph: 08 8352 1144

Fax: (08) 8443 6327

E-mail: sales@blshipway.com.au

Web site: www.blshipway.com.au





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SA's WIDEST RANGE OF
AIR SEEDER HOSE

SEASON 2024

ORDER / ENQUIRY FORM

EMAIL: sales@blshipway.com.au - FAX: (08) 8443 6327

Company:

Contact Name:

Fax Number:

Phone Number:

Please quote / supply (delete which does not apply)

HOSE QUANTITY	PRODUCT NUMBER	DESCRIPTION (if possible)
Coils		
Coils		
Coils		
Coils		
Coils		
Coils		
Coils		

OTHER PRODUCTS

Order Number (if ordering):

Freight Company:
(Goods are FOB Adelaide)

Signed:

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PVC AIR SEEDER HOSES



Barflo Industrial Air Seeder Hose



A lightweight, flexible vacuum and delivery air seeder hose. Good flexibility gives a tight bend radius. All hoses are black and UV stabilised. Also suitable for other less demanding applications.

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
251030-2020	19.0	26.0	65	20
251050-2520	25.0	32.0	70	20
251070-2820	28.0	35.3	80	20
251146-30520	30.5	39.5	85	20
251100-31520 (formerly 251504-31520)	31.5	42.5	85	20
251142-3220 (formerly 251506-3220)	32.0	41.0	90	20
251140-33520	33.5	43.7	90	20
251144-3520	35.0	45.0	90	20
251150-3820	38.0	47.3	100	20
251170-4420	44.0	53.8	110	20
251190-5020	50.0	63.3	125	20
251200-6320	63.0	74.3	200	20
251210-7520	76.0	87.8	250	20
251220-10020	102.0	114.3	400	20

STANDARD COIL SIZE 20 METRES

Properties

Colour - Black

Applications

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

Barflo Heavy Duty Air Seeder Hose



Medium to heavy duty vacuum and delivery hose. Good flexibility gives medium bend radius. All hoses are black and UV stabilised.

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
251260-31520	31.5	41.8	125	20
251350-3820	38.0	48.6	130	20
251360-4420	44.0	57.8	135	20
*251370HW-4420	44.0	63.0	200	20
251410-5020	50.0	67.5	175	20
251420-6320	63.0	79.4	200	20
251430-7520	76.0	91.9	300	20
251455-10020	102.0	121.5	400	20

STANDARD COIL SIZE 20 METRES

**This hose has a heavier wall thickness for greater durability.*

Properties

Colour - Black

Other Applications

Collection of dust, sawdust, fumes. Transport of water and small particles.

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PVC AIR SEEDER HOSES



Medium Duty Air Seeder Hose

This is a clear, medium duty flexible PVC suction/discharge hose with a black spiral. It has a mirror smooth bore to minimise friction losses and is UV-light resistant.



Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
207055-2520	25.0	31.4	120	20
207056-2520 (GREEN SPIRAL)	25.0	31.4	120	20
207026-25.430 (1 INCH)	25.4	31.8	120	30
207027-25.430 (WHITE SPIRAL - 1 INCH)	25.4	31.8	120	30
207060-3220	32.0	38.4	150	20
207062-3220 (RED SPIRAL)	32.0	38.4	150	20
207063-3220 (GREEN SPIRAL)	32.0	38.4	150	20
207012-3220(WHITE SPIRAL)	32.0	38.4	150	20
207065-3820	38.0	45.4	200	20
207067-3820 (RED SPIRAL)	38.0	45.4	200	20
207070-4420	44.0	52.0	240	20
207072-4420 (RED SPIRAL)	44.0	52.0	240	20
207075-5020	50.0	59.2	300	20
207089-6320	63.0	73.0	400	20
207083-6320 (GREEN SPIRAL)	63.0	73.0	400	20
207080-6420	64.0	73.8	400	20
207085-7520	75.0	87.4	450	20

STANDARD COIL SIZE 20 METRES

Properties

Colour	Clear with black rigid PVC spiral
Temperature Range	-5°C to +60°C
Chemical Resistance	Good
Flexibility	Excellent
Abrasion Resistance	Excellent

Applications

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



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SA's WIDEST RANGE OF
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PVC AIR SEEDER HOSES - ECONOMY RANGE

Eco Grey PVC Suction Hose



HIGH ABRASION RESISTANCE AND FLEXIBILITY

- Heavy duty grey PVC suction hose
- Suits primary and tertiary lines
- Tough, flexible and UV-stabilised

MUST CLEAR
MASSIVE PRICE
REDUCTION

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
ECO-GREY-3820	38	46.1	200	20
ECO-GREY-4420	44	52.6	200	20

STANDARD COIL LENGTH 20 METRES



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PVC AIR SEEDER HOSES



Heavy Duty Extra Flexible Grey Suction Hose - Candy Red



A tough, flexible, easy to handle suction and delivery hose suited to air seeder, water and liquid transfers on agricultural equipment.

Excellent abrasion resistance. Also suitable for some chemical applications.

Ideal for cool climate conditions.

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
206184-2520	25.0	31.4	90	20
206185-3220	32.0	38.6	120	20
206186-3820	38.0	45.6	150	20
206187-4420	44.5	52.6	180	20
206188-5020	51.0	59.6	200	20
206189-6320	63.0	73.3	250	20
206190-7520	76.0	88.0	330	20
206191-10020	102.0	116.0	470	20
SPECIAL SIZE HOSE - Suits Simplicity machinery (No Candy Red Striping)				
207520-4520	45.0	55.0	240	20

Properties

Colour	Grey with candy red external spiral
Temperature Range	-5°C to +60°C
Chemical Resistance	Suitable for chemical applications
Flexibility	Excellent
Abrasion Resistance	Good

Other Applications

Suitable for transfer of water, concrete, slurry, waste matter (non-petro-chemical), sand and other general purpose applications.

**25% MORE
FLEXIBLE THAN
HEAVY DUTY
GREY**

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PVC AIR SEEDER HOSES



Heavy Duty Air Seeder Hose - Black Spiral



Heavy duty, clear air seeder hose with a thicker wall for increased abrasion resistance in tertiary applications, while still offering good flexibility.

Features a mirror smooth bore, black reinforcing and has excellent UV resistance.

This is the heaviest duty PVC spiral air seeder hose on the market.



Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
207534-4520	45.0	54.0	250	20
207500-5020	50.0	59.7	320	20
207502-6320	63.0	75.9	420	20
207504-6420	64.0	76.7	420	20

STANDARD COIL SIZE 20 METRES



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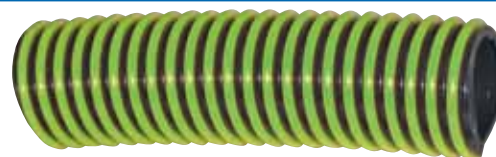
SEASON 2024



PVC AIR SEEDER HOSES



Greenline Abrasive Resistant Air Seeder Hose



A heavy duty suction/discharge hose especially formulated to be hard wearing and resistant to abrasion.

Constructed of a flexible thick PVC/Nitrile/Urethane blend with a rigid external green PVC spiral, giving exceptional wear resistance, both inside and out, and flexibility for ease of use.

This hose is ideal for use on Ausplow - DBS machinery.

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
206632-3220	32.0	41.5	250	20
206634-3820	38.0	48.4	280	20
206636-4520	45.0	55.5	310	20
206638-5020	50.0	64.5	350	20
206640-6320	63.0	77.0	370	20
206642-7520	75.0	95.0	400	20
206644-10020	100.0	118.0	500	20

STANDARD COIL SIZE 20 METRES

Properties

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

Applications

Suitable for pumping slurries,
air seeder machines,
industrial/commercial vacuum cleaning.

LARGER
SIZES -
MADE TO
ORDER

Proudly
AUSTRALIAN
MADE



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PVC AIR SEEDER HOSES



Abrasion Resistant Urethane Suction/Discharge Hose



This product has had several years of great success in SA

An extremely flexible hose with outstanding abrasion resistance due to the inclusion of urethane rubber.

Its hard wearing properties make it ideal for seeding equipment, soil and rock removal on vacuum diggers and street sweepers and the collection of most items in external environments.

Barfell's latest and best hose for abrasive materials and food products.

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
206684-3220	32.0	41.5	250	20
206686-3820	38.0	48.4	310	20
206690-5020	50.0	64.5	350	20
206691-6320	63.0	77.0	370	20
206692-7520	75.0	95.0	400	20
206693-10020	102.0	118.0	500	20
206694-125**	127.0	150.0	550	10, 20
206695-150**	150.0	174.0	600	10, 20
206696-200**	203.0	224.0	650	10, 20

**** INSERT 10 OR 20 FOR METRE LENGTH**

Properties

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

Applications

Ideal for seeding equipment, soil and rock removal on vacuum diggers and collection of most items in external environments.



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PVC AIR SEEDER HOSES



General Purpose Black Suction/Discharge Hose



General Purpose Black is specially formulated for flexibility with the benefit of premium UV stability.

Solid black, reinforced with a rigid PVC spiral.

Suitable for air seeder, water and liquid transfer on agricultural equipment.

Commonly used on spray equipment.

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
207492-2520	25.0	31.4	120	20
207494-3220	32.0	38.6	150	20
207496-3820	38.0	45.6	200	20
207498-5020	50.0	59.6	270	20
207499-6320	63.0	73.3	330	20

STANDARD COIL SIZE 20 METRES



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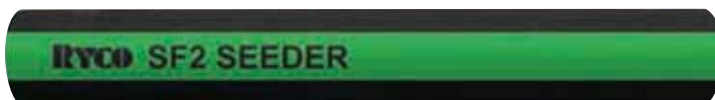
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AIR SEEDER HOSE

RYCO

RUBBER AIR SEEDER HOSES

RYCO

Rubber Air Seeder Hose



RYCO Superseeder has been specifically engineered for use in the Australian air seeder hose market.

Superseeder features include:

- 3mm black super abrasion resistant tube
- double wire helix and textile reinforcing
- black weather and ozone resistant cover.



Also suitable for water suction.

Part Number	I.D. (mm)	O.D. (mm)	Bend Radius (mm)	Coil Length (m)
SF220-3220	32.0	42.0	220	20
SF224-3820NR	38.0	48.0	480	20
SF228-4420	44.0	56.0	300	20
SF232-5020	50.0	63.0	320	20
SF240-6320	63.0	76.0	420	20
SF248-7520	75.0	91.0	500	20
SF280-12510	127.0	145.0	680	10

STANDARD COIL SIZE 20 METRES, SF280 ONLY AVAILABLE IN 10 METRE COILS

Part Number	I.D. (mm)	O.D. (mm)	Coil Length (m)
SF2404P-6320	63.0	77.0	20
SF2404P-6321	63.0	77.0	61



RYCO Diehard



Many farmers use double braid hydraulic hose as seeding boots to give flexibility in rocky country where metal boots can bend or break.

Part Number	I.D.		O.D.	
	(mm)	(inches)	(mm)	(inches)
T220D	31.8	1.1/4	47.6	1.87
T224D	38.1	1.1/2	54.1	2.13

Price on application. Can be supplied in bulk or cut to length.



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AIR SEEDER TUBING

LDPE Air Seeder Tube



PE Seeder Tube has a smooth bore tube designed as a secondary line on air seeder equipment.

It is manufactured from low density polyethylene to ensure toughness, flexibility and abrasion resistance.

Tube clarity is enhanced to enable detection of internal obstructions.

**** Now also in Black in 25mm & 32mm (30m lengths only)****

**NOW IN BLACK IN
SOME SIZES**

Part Number	I.D. (mm)	O.D. (mm)	Colour	Coil Length (m)
PE23X29-2330	23.0	29.0	OPAQUE	30
PE25X32-2530	25.0	32.0	OPAQUE	30
PE25X32-25100	25.0	32.0	OPAQUE	100
PE25X32BK-2530	25.0	32.0	BLACK**	30
PE28X35.5-2830	28.0	35.5	OPAQUE	30
PE32X38-3230	32.0	38.0	OPAQUE	30
PE32X38-32100	32.0	38.0	OPAQUE	100
PE32X38BK-3230	32.0	38.0	BLACK**	30

SUITS FLEXICOIL, MORRIS, GASON, CONSERVA PAK & OTHER MACHINERY

Seederflex Tube



Seederflex is a specially formulated blend of polymers plus a synthetic rubber compound that has been developed to stay flexible yet hold shape during seeding on the coldest days. This is important to the machinery's longevity of service by reducing the amount of vibration the tube delivers from the head to the boot.

Seederflex is also used to reach boots that are close to the head and require tight turns with minimal kinking.

Seederflex has a longer life in full sunlight, reducing the possibility of cracking.

Part Number	I.D. (mm)	O.D. (mm)	Colour	Coil Length (m)
SEEDERFLEX-2530	25.0	32.0	OPAQUE	30
SEEDERFLEX-3230	32.0	38.0	OPAQUE	30

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AIR SEEDER DUCTING



TPR Ducting



TPR is constructed from a Thermo Plastic Rubber compound with a wire helix reinforcement.

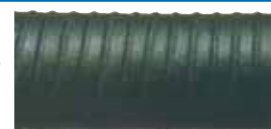
An excellent general purpose ducting with good abrasive qualities and U.V. resistance.

Part Number	I.D. (mm)	Bend Radius (mm)	Coil Length in Metres
TPR100-1005 or 10**	102	204	5, 10
TPR125-1255 or 10**	127	254	5, 10
TPR150-1505 or 10**	152	304	5, 10
TPR180-1805 or 10**	178	356	5, 10
TPR200-2005 or 10**	203	406	5, 10
TPR230-2305 or 10**	230	458	5, 10
TPR250-2505 or 10**	254	508	5, 10

**** INSERT 5 OR 10 FOR DESIRED LENGTH**

STANDARD LENGTH 10 METRES - AVAILABLE IN 5 OR 10 METRE LENGTHS ONLY

Abrasaflex Ducting



Abrasaflex is constructed from neoprene rubber coated polyester fabric with a natural rubber lining and reinforced with a spring wire helix.

This ducting is suitable for heavy duty gravity fed abrasive materials.

Part Number	I.D. (mm)	Bend Radius (mm)	Coil Length in Metres
AF100-1005	102	612	5
AF125-1255	127	762	5
AF150-1505	152	912	5
AF180-1805	178	1068	5
AF200-2005	203	1218	5
AF250-2505	254	1524	5

STANDARD LENGTH 5 METRES

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RYCO

RUBBER HOSES

RYCO

Multi Purpose MP1

RYCO MP1 MULTI-B

Ryco MP1 hose is a high quality, economical and versatile hose, with textile reinforcement for additional strength and flexibility.

Recommended for air, water, petroleum oils and fuel oils. It has excellent weather and ozone resistance.

Part Number	Part Number	Nominal I.D. (mm)	O.D. (mm)	Working Pressure (Mpa)	(psi)	Minimum Bend Radius (mm)	Weight (Kg/m)	Coil Lengths (Metres)
MP14-06***	MP14-06	6.0	13.5	1.4	200	50.0	0.15	20, 50, 100
MP16-10***	MP16-10	10.0	17.5	1.4	200	75.0	0.23	20, 50, 100
MP18-13***	MP18-13	13.0	21.4	1.4	200	85.0	0.31	20, 50, 100
MP110-16***	MP110-16	15.9	25.4	1.4	200	105.0	0.43	20, 50, 100
MP112-20***	MP112-20	20.0	28.6	1.4	200	120.0	0.49	20, 50, 100
MP116-25***	MP116-25	25.0	37.3	1.4	200	155.0	0.80	20, 50, 100
MP120-32***	MP120-32	32.0	43.9	1.4	200	230.0	1.00	20 or cut to length
20026583	MP124-38	38.0	54.0	2.0	300	230.0	1.45	Cut to length
20023278	MP132-50	50.8	67.0	2.0	300	305.0	1.50	Cut to length

*** INSERT COIL LENGTH

THIS HOSE HAS A 4:1 SAFETY FACTOR

OUTER WALL: Red, oil and abrasion resistant modified nitrile

TEMPERATURE RANGE: Air, water and lubricating oils: -40°C to +95°C
Petrol, kerosene and fuel oils: -40°C to +49°C

INNER WALL: Black, oil resistant, Class A nitrile

CONSTRUCTION: Single braid textile reinforcement

Multi Purpose MP2

RYCO MP2 MU

**CLEARANCE ITEM
GREATLY REDUCED PRICING**

Ryco MP2 hose is a premium quality, high pressure, economical and versatile hose, with textile reinforcement for additional strength and flexibility.

Recommended for air, water, petroleum oils, kerosene and fuel oils. It has excellent weather and oil resistance.

Part Number	Nominal I.D. (mm)	O.D. (mm)	Working Pressure (Mpa)	(psi)	Minimum Bend Radius (mm)	Average Weight (Kg/m)	Coil Length in Metres
MP26-10***	9.5	18.0	2.0	300	55	0.26	20, 100
MP212-2020	19.1	30.0	2.0	300	100	0.62	20

*** INSERT COIL LENGTH

THIS HOSE HAS A 4:1 SAFETY FACTOR

OUTER WALL: Red, oil and abrasion resistant modified nitrile

TEMPERATURE RANGE: -40°C to +93°C

INNER WALL: Black, oil resistant Class A synthetic rubber

CONSTRUCTION: Reinforced with two textile braids

TO ORDER OR FOR MORE INFORMATION CONTACT:

B.L. Shipway
ESTABLISHED 1953

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CAMDEN PARK SA 5038
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SA's WIDEST RANGE OF
AIR SEEDER HOSE

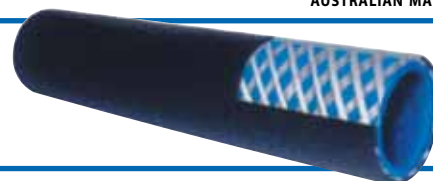
SEASON 2024



SPRAY HOSES



Sprayflex 300 Chemical



Premium hose designed for medium pressure weedicide and pesticide applications.

Petrol and oil resistant qualities and excellent flexibility make it suitable for a wide range of applications.

Part Number	I.D. (mm)	Working Pressure (psi @20°C)	Coil Length Available (Metres)
201308-08***	8.0	297	20, 100
201310-10***	10.0	297	20, 100, 200 (reel)
201320-13***	12.5	297	20, 50, 100
201325-20***	20.0	297	20, 30, 100 (reel)
201327-25***	25.0	297	20, 30, 50 (reel), 100
201329-32**	31.5	297	20, 30, 60
201330-38**	38.0	297	20, 60

STANDARD LENGTH 20 METRES *** INSERT COIL LENGTH

OUTER WALL: Black, UV stabilised.

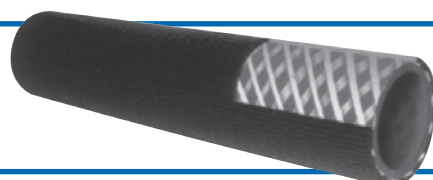
INNER WALL: Dark blue PVC/Nitrile blend

SIZES: 8mm to 38mm (ID), lengths from 20m to a maximum of 200m in some sizes

WORKING PRESSURE: 2.1 mpa (297psi) - ALL SIZES



AG Spray Black



A general purpose agricultural spray and chemical hose for medium pressures.

Lower resistance to solvents.

Part Number	I.D. (mm)	Working Pressure (psi @20°C)	Coil Length in Metres
202664***	10.0	297	30, 100, 200 (reel)
202666***	12.5	297	30, 100, 200 (reel)

*** INSERT COIL LENGTH



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AGRICULTURAL HOSES



Super Ultraflex®



General purpose air and water hose with highly distinctive yellow and blue striping, optimum flexibility, resilient and kink resistant.

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

Suitable for general purpose air and water supply, ideal for high pressure lines and compressors.

Also suitable for the conveyance of liquids, gases and some chemicals.

OUTER WALL: Blue and yellow, UV stabilised.

INNER WALL: Black

SIZES: 6mm to 50mm (ID), lengths from 20m to a maximum of 300m in some sizes

WORKING PRESSURE: 6mm to 13mm ID: 2mpa (290psi), 20mm to 50mm ID: 1.6mpa (230psi)



TMP II®



A translucent multi-purpose food contact hose.

Highly flexible, yet kink resistant, compliant with AS2070-1999.

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

Also features a food contact inner and outer covering.

OUTER WALL: Clear with blue and yellow stripes, UV stabilised.

INNER WALL: Clear

SIZES: 6mm to 50mm (ID); lengths from 20m to a maximum of 300m in some sizes

WORKING PRESSURE: 6mm to 25mm ID: 1.4mpa (200psi),
32mm & 38mm ID: 1.2mpa (175psi), 50mm ID: 0.9mpa (131psi)



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AGRICULTURAL HOSES



PR



Specially formulated petrol resistant hose designed for use as an oil, grease, petrol or diesel fuel line and as a tanker heating hose for home heating oil.

This hose incorporates twin copper anti-static wires for added safety.

OUTER WALL: Ribbed black with anti-static wires.

INNER WALL: Blue PVC/Nitrile blend

SIZES: 25mm, 32mm and 40mm (ID): varying lengths from 20m to 100m in some sizes

WORKING PRESSURE: 25mm ID: 1.3mpa (195psi), 32mm ID: 1.2mpa (175psi), 40mm ID: 1mpa (145psi)



Drum Pump



Petrol and oil resistant hose with excellent flexibility.

The PVC/Nitrile blend inner tube is highly resistant to hydrocarbons including aromatics.

Excellent resistance to UV ensures a long life.

Good low temperature flexibility.

OUTER WALL: Smooth black with anti-static wires.

INNER WALL: Black PVC/Nitrile blend

SIZES: 19mm and 25mm (ID): varying lengths from 3m to 100m

WORKING PRESSURE: 1mpa (145psi)



Layflat - Blue



Made from PVC compound, reinforced with high tensile - strength yarns.

LAYFLAT - Blue is designed for low working pressures.

Suitable for irrigation or drainage, water supply for exploration drill sites, road construction and building site dewatering.

SIZES: 40mm to 400mm (ID)

ALSO AVAILABLE IN HIGHER PRESSURE AND ABRASION RESISTANT RED IN 40mm - 200mm ID.

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SA's WIDEST RANGE OF
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SEASON 2024

NITRO CLIP

MANUFACTURED BY THE SAME COMPANY THAT MAKES THE INNOVATIVE FLEXEND AND FLEXFOLD RANGE OF PRODUCTS!

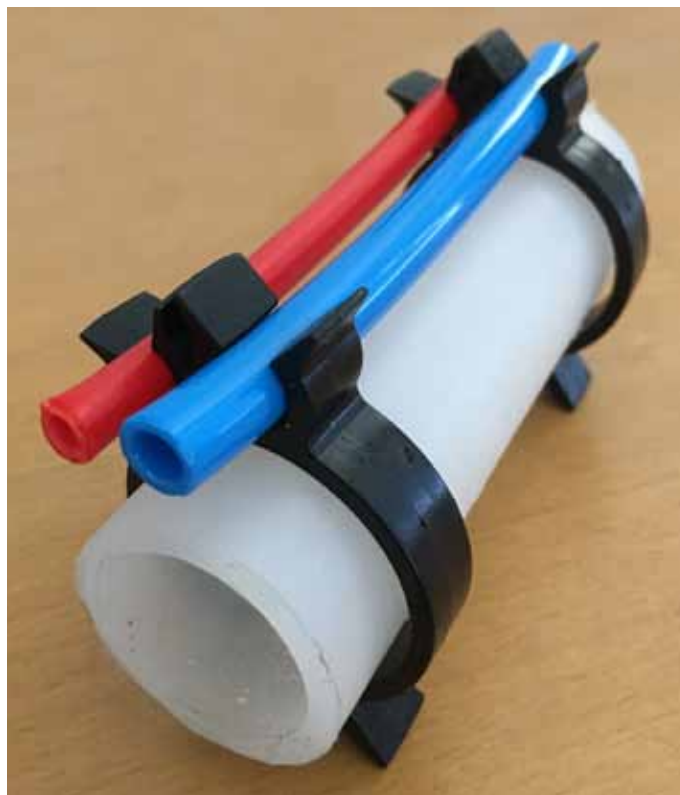
Nitro Clips are a neat and safe way to secure liquid nitrogen delivery lines to 25mm I.D. Shipway LDPE Seeder Tube.

With dual lugs, Nitro Clips offer the option of securing either 6mm or 8mm O.D. tubes using the one clip.

Sold in packs of 10.



Part Number	Specifications	List Price + GST
NITROCLIP25-10	NITRO CLIP to suit 25mm I.D. LDPE Seeder tube	\$9.00



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FLEXEND

Vibration reduction

Reducing damage to airseeder hose and spreader heads

Also saving you time and money on kinked or cracked hoses during seeding

*In this photo you can see some bent FLEXENDS.
This is showing the bar in transport mode with the tines lifted fully.
When the tines are dropped in operation mode, the FLEXENDS are perfectly straight.*



What is the FLEXEND for?

As you would well know, there is a lot of vibration on the airseeder hose during seeding. The vibration has to be absorbed somewhere and it is either the spreader head or the boot. Both of these are firmly fixed, so the hose takes all the vibration and shaking, causing cracking or kinking over time. This then leads to blocked or cracked hoses, meaning possible missed rows, or lost seed/fertiliser. The FLEXEND helps reduce the vibration of the hose and reduces the chances of the hose blocking or being damaged. The FLEXEND is made from a very high wear, high flex, and high UV plastic that is expected to outlast your airseeder hose.

How to assemble your FLEXEND

- 1) Ensure you preload all the STAINLESS STEEL clamps onto the FLEXEND BEFORE you tighten any of them onto the head. Also, make sure all the clamps are loaded on the same direction so it makes for a uniform and easier tightening system.
- 2) Slide the FLEXEND onto the head. There are 3 points to be aware of in this step.
 - A) Leave a 15mm gap between the rim of the head and the FLEXEND. (This allows enough room for the cap to be installed and removed.)



- B) Ensure the end splits are on top. (You can see how tight the clamps are.)
 - C) And when tightening the worm drive, the head needs to be on top, as shown in the picture. (This will minimise the dirt and debris build up on top of the clamp and easy access after installation.)
- 3) Finally the twist test. Try to turn the airseeder hose and see if the clamps are tight enough. A $\frac{1}{4}$ turn is enough. The FLEXEND should twist with the hose.

Using the FLEXEND as a joiner

Vibration reduction

The FLEXEND has another use for the seeder bar.

Often hose can split, crack or kink due to the cold weather making the hose very stiff and brittle.

You can now cut the split, crack or kink out and replace it with a FLEXEND very quickly in the field.

Keep a couple in the cab and it can be done very quickly with minimal tools and down time and no loss of seed or unsown rows.

In the photos below you can see a before and after photo of the hoses kinked when the wings are folded.

Once the airseeder hose is kinked it is very hard to get it round again. The FLEXENDS will return to nearly perfect circle again.



Part Number	Specifications
FLEXEND25C	To suit 25mm ID Shipway Seeder Tube including 2 all stainless steel clamps to suit
FLEXEND25C-M	To suit 25mm ID Shipway Seeder Tube with a male barb one end for more secure fitting on PVC heads. Includes 2 all stainless steel clamps to suit
FLEXEND32C	To suit 32mm ID Shipway Seeder Tube including 2 all stainless steel clamps to suit

How to assemble your FLEXEND as a joiner

Vibration reduction

- 1) Firstly cut out the part that is split, cracked, kinked or broken.
- 2) Or, find the spot where the hoses will kink during transport or wingfold.
- 3) Push the FLEXEND with the smallest end (head end) onto the hose that comes from the spreader head firmly so that it spreads the splits and the hose enters the non-split section by a minimum of 20mm. This will require a lot of force.
- 4) Tighten the clamp in the clamp section of the FLEXEND.
- 5) Then put the fine end of the hose into the (hose end) and tighten the clamp.
- 6) Ensure to assemble the FLEXENDS while the seeder bar is in its closest position to operation.
- 7) Finally the twist test. Try to turn the airseeder hose and see if the clamps are tight enough. A 1/4 turn is enough. The FLEXEND should twist with the hose.



FLEXEND25C-M



EXCLUSIVE IN SOUTH AUSTRALIA & NORTHERN TERRITORY FROM:

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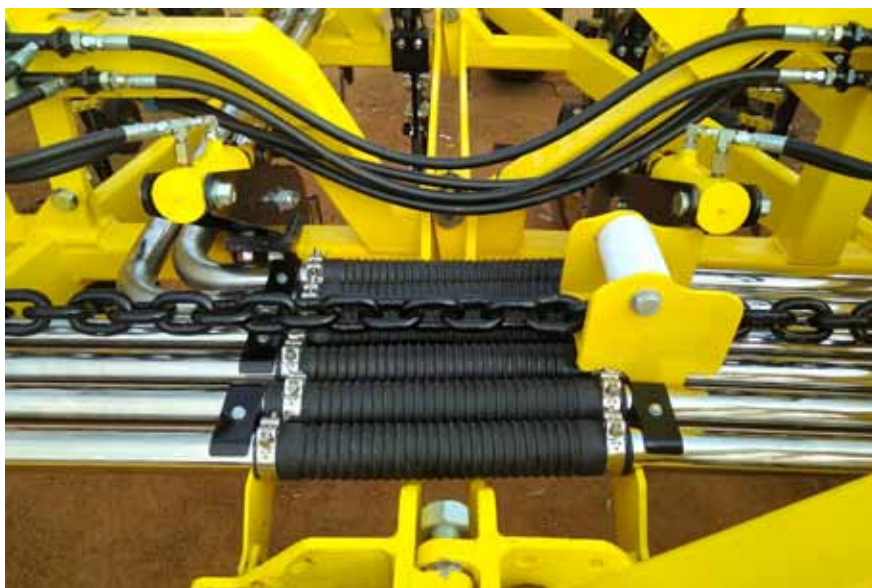
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FLE FOLD

Kink Reduction in primary supply hoses
Replace damaged primary supply hoses efficiently



What is FLE FOLD

FLEXFOLD is a new high wearing plastic moulded tube to replace the kinks and worn out sections on the primary supply rubber hose on a seeding bar.

FLEXFOLD's are designed to keep the inside of a tube kink free and smooth when the wings are unfolded. They are designed to go back as close to their original tubular shape.

FLEXFOLD's can also be used as a vibration reduction system like the FLEXEND product.

In the pictures below you can see the FLEXFOLD fitted to a 90 foot seeding bar with triple fold wings. This is an extreme example as most seeding bars only fold to about 90° with double folds.

FLEXFOLDS are installed so the tubing is straight with no bends in the rubber hose.

Using the FLE FOLD

FLEXFOLD was designed and developed due to the frustration of kinking and wearing rubber hoses on the bends and the pivot points during seeding.

The folding and unfolding of the wings causes the rubber hoses to kink and this makes an immediate wear point that cannot be fixed.

You can now put away your gaffer tape and rolling out heavy hoses in the cold or in the middle of the night.

Keep a couple of FLEXFOLDS in the cabin of your ute or tractor for the time when you discover you have been spreading seed and fertiliser all over the paddock and not into the ground.

Part Number	Specifications
FLEXFOLD63C	63mm FLEXFOLD to suit 63mm I.D. rubber hose with 2 all stainless steel bolt clamps



Wing folded to 90°. (most common installation)



Wing folded to 180°. (very uncommon installation)

Installing the FLEXFOLD

- STEP 1** Ensure the seeding bar is fully extended and in operational position. Cut out the kink in the rubber hose so the FLEXFOLD will be centrally placed on the pivot point.
- STEP 2** There is often 2 ways that the primary supply rubber hose has been installed.
- 1) With the rubber hose so it runs perfectly through the pivot point (which is the best option for FLEXFOLD).
 - 2) With the rubber hose doing a deep loop under the pivot point. This reduces the kinking in the rubber hose when originally installed but it does not stop the hose from wearing as the inside is damaged. IN the picture below you can see the front FLEXFOLD runs directly through the pivot point in it stays kinked with one kink point when folded.
- STEP 3** Insert the 2 stainless steel joiners into the FLEXFOLD and tighten them with hose clamps (T-Clamps supplied)
- STEP 4** Insert the remaining length of joiners into the hoses and leave the clamps loose for a trial run.)
- STEP 5** Operate the wings and ensure the FLEXFOLD's are not being stretched too much and see if the FLEXFOLD's have remained joined.
- STEP 3** If you are happy that the FLEXFOLD is centralised and running through the centre of the pivot point, then tighten all clamps.



NEW!!



EXCLUSIVE TO SHIPWAYS IN SOUTH AUSTRALIA & NORTHERN TERRITORY

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JTL SPECTRUM

MULTI-PURPOSE

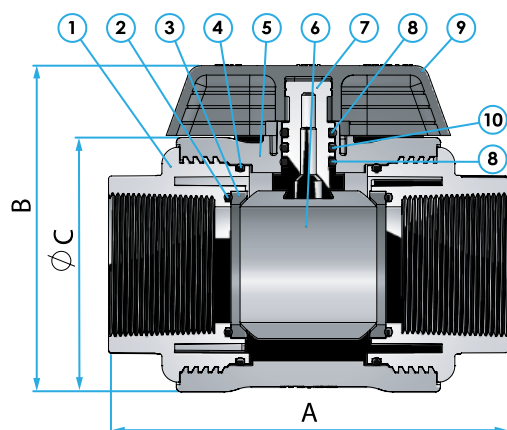
FULL FLOW BALL VALVES

Suitable for a wide range of **chemical** applications, including industrial and agricultural chemicals* **and potable and non potable water.**

The JTL Spectrum ball valve range is manufactured from robust Glass Reinforced Polypropylene, PTFE seats, FKM (commonly referred to as Viton™) seals and EPDM Thermoplastic Elastomer seals.

Incorporating a special feature unmatched by its competitors, the shaft is fitted with 2 o-rings of differing materials and colours for ease of identification. FKM in brown and EPDM in black. The combination of these two materials provides coverage over a broader spectrum of chemical applications, where possible leakage could occur through the shaft in standard valves.

Vacuum tested in accordance with AS3688:2016 - Section 4.10 (Vacuum Test for Leaktightness of Joints, Appendix M) and also having attained approval to the latest Australian/NZ Standard for drinking water, this is truly a multi-purpose valve. Whatever your usage requirements, use JTL Spectrum multi-purpose valves to mitigate your risk.



Registered Design: 201813637
Design Patent Pending

- FULL FLOW - non directional
- AS/NZS 4020:2018 approved
- Vacuum tested in accordance with AS3688
- Excellent chemical resistance
- UV resistant
- Corrosion resistant
- Ergonomic removable handle
- 90° on/off action
- Pressure rating: up to 1600 kPa @ 20°C
- Operating temperature: > 0°C < 60°C
- Lilac handle option for grey water
- Date stamped body for traceability
- 100% individually leak tested
- Available with NPT threads - MOQs apply
- Supplied on hang sell cards including product information and barcode. Bulk option available
- Over 30 years of design experience incorporated in this valve.

VALVE SIZE	15mm	20mm	25mm	32mm	40mm	50mm
(BSPT)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
(FI x FI)	JBV15	JBV20	JBV25	JBV32	JBV40	JBV50
	\$32.00	\$32.00	\$46.00	\$60.00	\$70.00	\$100.00
HANDLE COLOUR: GREY = General Use LILAC = Grey Water Identification						

DIM (mm)	15mm	20mm	25mm	32mm	40mm	50mm
A (mm)	98	98	112	124	142	170
B (mm)	82	82	91	105	118	138
C (mm)	58	58	67	79	90	108

VALVE PART	BODY (1 & 5)	STEM (7)	HANDLE (9)	SEATS (3)	BALL (6)	SEALS (2, 4 & 8)
MATERIALS	GRPP	GRPP	GRPP	PTFE	GRPP	FKM/EPDM (10)

NB. 15mm and 20mm valves have two seals in the shaft - one FKM (8) and one EPDM (10)
25mm through to 50mm valves have three seals in the shaft - two FKM (8) and one EPDM (10)
NB. Apply sufficient PTFE tape or approved sealant to all thread joints to ensure a watertight seal

JTL

* Chemical resistance varies dependent on type of chemical. For more information see: www.plasticsintl.com/chemical-resistance-chart www.graco.com/au/en/products/ad/chemical-compatibility

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TECHNICAL SPECIFICATIONS

Body / Ball / Shaft / End Caps

Glass Reinforced Polypropylene (GRPP)

- Offers good resistance to non-oxidizing acids and bases, fats and most organic solvents
- At elevated temperatures Polypropylene can dissolve in nonpolar solvents such as Xylene, Tetralin and Decalin
- The low melting point of Polypropylene is 160°C (320°F)
- Low temperature threshold: Polypropylene becomes brittle below 0°C
- NOT compatible with strong oxidants.

Ball Seats

Polytetrafluoroethylene (PTFE)

- PTFE is the most versatile plastic in terms of chemical compatibility
- Highly resistant to most acids, alcohols, detergents and solvents
- Ideal for use with reactive and corrosive materials
- The melting point of PTFE is 327°C (620°F)
- Low temperature threshold: maintains high strength, toughness and self-lubrication as low as -286°C (-450°F)
- Good flexibility at -79°C (-110°F)
- NOT compatible with certain alkali metals and fluorinating agents such as Xenon, Difluoride and Cobalt (111) fluoride.



O-Rings

FKM (VITON™)

- The range of chemicals which FKM is resistant against is one of the broadest of all the elastomers. It also has a high temperature tolerance and chemical resistance rating
- It is a synthetic rubber that resists many hydrocarbons, biodiesel and petrochemicals
- Excellent resistance to oils, fuels, lubricants and most mineral acids
- Extremely low permeability to a broad range of substances, including oxygenated automotive fuels
- Resistant to aliphatic hydrocarbons that dissolve other rubbers
- Exceptionally good resistance to compression set even at high temperatures
- Exceptionally good resistance to atmospheric oxidation, sun and weather
- Excellent resistance to fungus and mold
- The range of chemicals in which FKM is resistant is so broad it is far easier to just list the few chemicals in which FKM will be chemically attacked or swollen:
 - in general, low molecular weight ketones and esters will swell a vulcanizate of FKM. In fact, ketones such as methyl ethyl ketones are used as solvents for FKM (uncured). The more polar a material the more likely it will swell FKM
 - amines affect FKM differently from ketones and esters. Generally, amines will react with the polymer backbone and result in embrittlement of the vulcanizate
- NOT compatible with acetone, esters, amines, organic acids, MEK, ethyl acetate and highly polar chemicals.

EPDM Rubber (Ethylene Propylene Diene Monomer)

- EPDM is a synthetic rubber, derived from polyethylene. Rubbers with saturated polymer backbones, such as EPDM, have much better resistance to heat, light and ozone than un-saturated rubbers such as natural rubber.
- EPDM is compatible with polar substances, eg. fireproof hydraulic fluids, ketones, hot and cold water, and alkalis.
- EPDM exhibits excellent resistance to heat, ozone, steam and weather. Service temperature: -50°C (-58°F) to 150°C (302°F)
- NOT compatible with most hydrocarbons, such as oils, kerosene, aromatic, gasoline, as well as halogenated solvents.

Disclaimer:

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SEASON 2024

kale



Worm Drive Hose Clamps

- Manufactured in Europe in accordance with German DIN3017 standards
- 7mm Hex head across all sizes
- Strong durable mechanically locked single piece housing
- Compact housing design for improved fit and function
- Burr free rolled band edges for added hose protection
- Available in a range of materials to suit most environments and applications
- High clamping force with low tightening torque

Part Number	Clamping Range (mm)	Material W2 Stainless Steel Bandwidth 9mm	Material W3 ALL Stainless Steel Bandwidth 9/12mm	Material W4 ALL Stainless Steel Bandwidth 9/12mm
WD9 8-12 W*	8-12	9	9	9
WD9 8-16 W*	8-16	9	9	9
WD9 12-20 W*	12-20	9	9	9
WD9 12-22 W*	12-22	9	9	9
WD12 16-27 W*	16-27	9	12	12
WD12 20-32 W*	20-32	9	12	12
WD12 23-35 W*	23-35	9	12	12
WD12 25-40 W*	25-40	9	12	12
WD12 30-45 W*	30-45	9	12	12
WD12 32-50 W*	32-50	9	12	12
WD12 40-60 W*	40-60	9	12	12
WD12 50-70 W*	50-70	9	12	12
WD12 60-80 W*	60-80	9	12	12
WD12 70-90 W*	70-90	9	12	12
WD12 80-100 W*	80-100	9	12	12
WD12 90-110 W*	90-110	9	12	12
WD12 100-120 W*	100-120		12	12
WD12 110-130 W*	110-130		12	12
WD12 120-140 W*	120-140		12	12
WD12 130-150 W*	130-150		12	12
WD12 140-160 W*	140-160		12	12

* Larger or special sizes, details on request

* Insert Material Grade Required at end of description *(e.g W3)

Material	W2	W3	W4
Screw	Mild Zinc Steel Plated	Stainless Steel 1.4016 AISI 430	Stainless Steel 1.4016 AISI 304
Housing	Stainless Steel 1.4016 AISI 430	Stainless Steel 1.4016 AISI 430	Stainless Steel 1.4016 AISI 304
Band	Stainless Steel 1.4016 AISI 430	Stainless Steel 1.4016 AISI 432	Stainless Steel 1.4016 AISI 304

* Other materials available on request

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kale WORM DRIVE ASSORTMENT KITS



KALE Worm Drive assortment kits provide you with the most popular sizes of Worm Drive clamps in a handy tough 8 partition Fischer Plastics storage box. With a range of clamps from 8-60mm you'll have most jobs covered in a flash. All clamps have a non-perforated band with rolled edges. Naturally all KALE Worm Drive clamps are produced to OEM standards and feature a unique compact housing design.

W2 Semi Stainless Steel
140 piece
PART No: CLAMP KIT W2

W3 All Stainless Steel
Grade 430, 135 piece
PART No: CLAMP KIT W3

W4 All Stainless Steel
Grade 304, 135 piece
PART No: CLAMP KIT W4

Contents (W3/ W4)	Qty
WD9 8-16	20
WD9 12-20	20
WD12 16-27	20
WD12 20-32	15
WD12 25-40	15
WD12 30-45	15
WD12 32-50	15
WD12 40-60	15

Contents (W2)	Qty
WD9 8-12	20
WD9 8-16	20
WD9 12-20	20
WD9 16-27	20
WD9 20-32	15
WD9 25-40	15
WD9 30-45	15
WD9 32-50	15

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AIR SEEDER HOSE

SEASON 2024

kale **— NEW —** HEAVY DUTY T-BOLT CLAMPS

Kale HD T-Bolt clamps are manufactured utilising TOX®-Clinching joints. A cold forming press technique that is more than 70% stronger than welding and superior to tab style mechanical locks.

Produced in Europe to DIN 3017-3 standards, Kale HD T-Bolt clamps are suitable for high shore hardness or reinforced hoses.

Additional design features include:

- no welding and no contact corrosion points
- hollow 'D' shape trunnions to reduce tensile force on the bolt and clinched joint
- a profiled bridge with extended tabs for secure attachment to the band without welding
- W1 steel bolts are Class 8.8 and feature an integrated spacer in place of a separate bush
- rolled band edges which are designed to protect damage to the hose or wall fabric
- a high clamping force with low free torque value.

Available in 2 materials (W1 and W4) in sizes ranging from 17-19mm through to 239-252 mm, typical applications include suction and pump hoses across a wide range of industries:

- agriculture
- automotive
- marine
- mining
- plumbing
- OEMs.

**BEST ON MARKET
INNOVATIVE TECHNOLOGY**

Innovatively designed and meticulously engineered, Kale Heavy-Duty T-Bolt clamps have achieved new standards in performance and reliability



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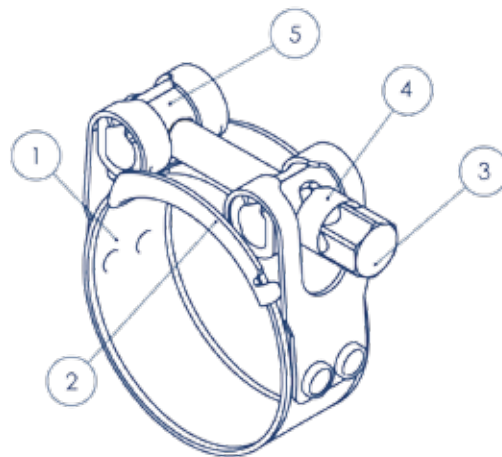
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

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AIR SEEDER HOSE

SEASON 2024

kale **HEAVY DUTY T-BOLT CLAMPS** **— NEW —**

W1	W4	W1 / W4	W1 / W4	W1 / W4
Part Number & Product Description	Part Number & Product Description	Band Width / Hex (mm)	Diameter Range (mm)	Tightening Torque (Nm)
HD18 17-19 W1 TOX	HD18 17-19 W4 TOX	18 / 8	17-19	8
HD18 19-21 W1 TOX	HD18 19-21 W4 TOX		19-21	
HD18 21-23 W1 TOX	HD18 21-23 W4 TOX		21-23	
HD18 23-25 W1 TOX	HD18 23-25 W4 TOX		23-25	
HD18 25-27 W1 TOX	HD18 25-27 W4 TOX		25-27	
HD18 27-29 W1 TOX	HD18 27-29 W4 TOX		27-29	
HD18 29-31 W1 TOX	HD18 29-31 W4 TOX		29-31	
HD20 31-34 W1 TOX	HD20 31-34 W4 TOX	20 / 10	31-34	10
HD20 34-37 W1 TOX	HD20 34-37 W4 TOX		34-37	
HD20 37-40 W1 TOX	HD20 37-40 W4 TOX		37-40	
HD20 40-43 W1 TOX	HD20 40-43 W4 TOX		40-43	
HD20 43-47 W1 TOX	HD20 43-47 W4 TOX		43-47	
HD20 47-51 W1 TOX	HD20 47-51 W4 TOX		47-51	
HD20 51-55 W1 TOX	HD20 51-55 W4 TOX		51-55	
HD20 55-59 W1 TOX	HD20 55-59 W4 TOX	25 / 13	55-59	20
HD20 59-63 W1 TOX	HD20 59-63 W4 TOX		59-63	
HD20 63-68 W1 TOX	HD20 63-68 W4 TOX		63-68	
HD25 68-73 W1 TOX	HD25 68-73 W4 TOX		68-73	
HD25 73-79 W1 TOX	HD25 73-79 W4 TOX		73-79	
HD25 79-85 W1 TOX	HD25 79-85 W4 TOX		79-85	
HD25 85-91 W1 TOX	HD25 85-91 W4 TOX		85-91	
HD25 91-97 W1 TOX	HD25 91-97 W4 TOX		91-97	
HD25 97-104 W1 TOX	HD25 97-104 W4 TOX		97-104	
HD25 104-112 W1 TOX	HD25 104-112 W4 TOX		104-112	
HD25 112-121 W1 TOX	HD25 112-121 W4 TOX		112-121	
HD25 121-130 W1 TOX	HD25 121-130 W4 TOX		121-130	
HD25 130-140 W1 TOX	HD25 130-140 W4 TOX		130-140	
HD25 140-150 W1 TOX	HD25 140-150 W4 TOX		140-150	
HD25 150-162 W1 TOX	HD25 150-162 W4 TOX		150-162	
HD25 162-174 W1 TOX	HD25 162-174 W4 TOX		162-174	
HD25 174-187 W1 TOX	HD25 174-187 W4 TOX		174-187	
HD25 187-200 W1 TOX	HD25 187-200 W4 TOX		187-200	
HD25 200-213 W1 TOX	HD25 200-213 W4 TOX		200-213	
HD25 213-226 W1 TOX	HD25 213-226 W4 TOX		213-216	
HD25 226-239 W1 TOX	HD25 226-239 W4 TOX		226-239	
HD25 239-252 W1 TOX	HD25 239-252 W4 TOX		239-252	



Part	Part Name	Material Combination	
		W1	W4
1	Band	Carbon Steel*	Stainless Steel 1.4301
2	Bridge	Carbon Steel*	Stainless Steel 1.4301
3	Bolt	ISO 898-1 Class 8.8*	ISO 3506-1 Class A2-70
4	Bush	-	Stainless Steel 1.4301
5	Trunnion	Carbon Steel*	Stainless Steel 1.4301
Corrosion Resistance acc. to ISO 9227		Min. 72 hours	Min. 240 hours
Bolt Head			

* Zinc Plated



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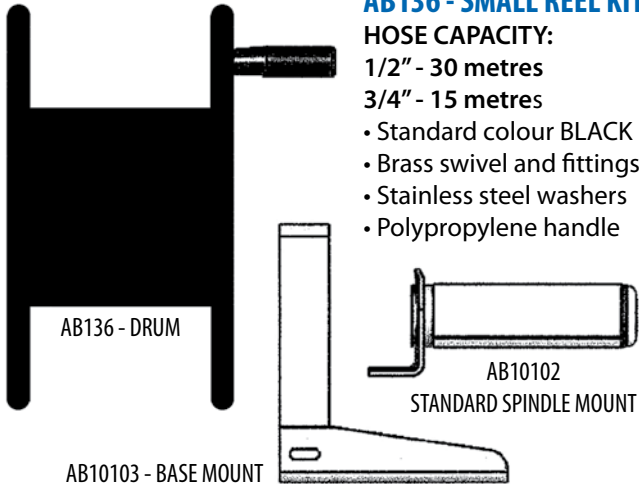
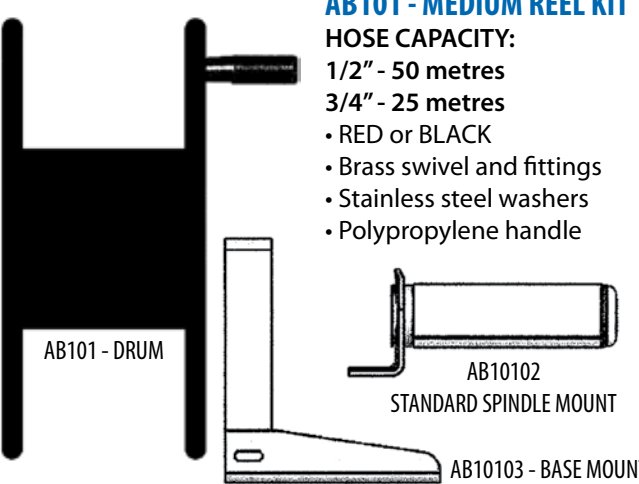
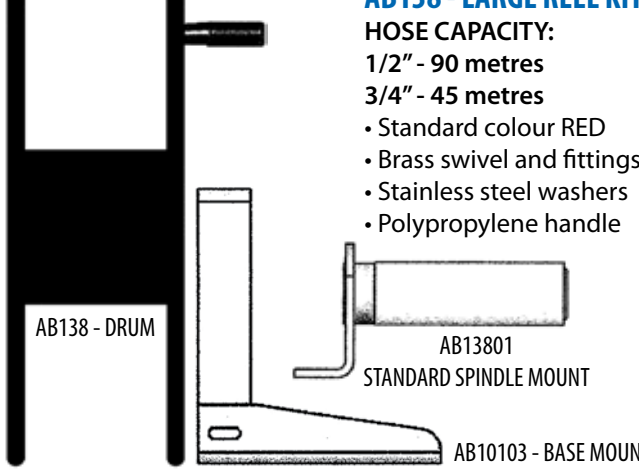
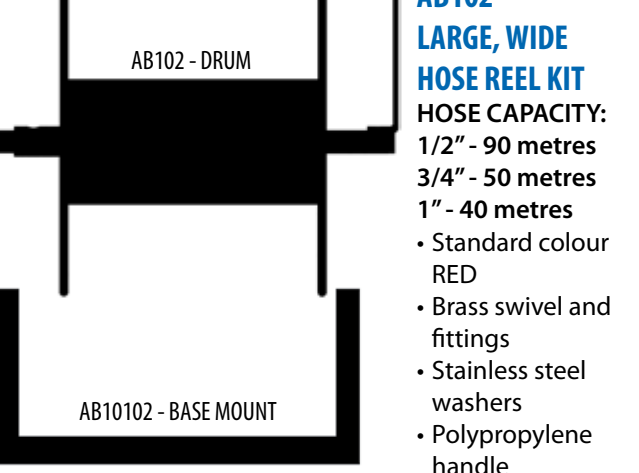
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South Australian Made Hose Reels

- Tough, long lasting, super heavy duty
- Powder coated for rust resistance
- Standard colour - red
- Warranty covered - locally made and supported

 <p>AB136 - SMALL REEL KIT HOSE CAPACITY: 1/2" - 30 metres 3/4" - 15 metres</p> <ul style="list-style-type: none"> • Standard colour BLACK • Brass swivel and fittings • Stainless steel washers • Polypropylene handle <p>AB136 - DRUM AB10102 STANDARD SPINDLE MOUNT AB10103 - BASE MOUNT</p>	 <p>AB101 - MEDIUM REEL KIT HOSE CAPACITY: 1/2" - 50 metres 3/4" - 25 metres</p> <ul style="list-style-type: none"> • RED or BLACK • Brass swivel and fittings • Stainless steel washers • Polypropylene handle <p>AB101 - DRUM AB10102 STANDARD SPINDLE MOUNT AB10103 - BASE MOUNT</p>
 <p>AB138 - LARGE REEL KIT HOSE CAPACITY: 1/2" - 90 metres 3/4" - 45 metres</p> <ul style="list-style-type: none"> • Standard colour RED • Brass swivel and fittings • Stainless steel washers • Polypropylene handle <p>AB138 - DRUM AB13801 STANDARD SPINDLE MOUNT AB10103 - BASE MOUNT</p>	 <p>AB102 - LARGE, WIDE HOSE REEL KIT HOSE CAPACITY: 1/2" - 90 metres 3/4" - 50 metres 1" - 40 metres</p> <ul style="list-style-type: none"> • Standard colour RED • Brass swivel and fittings • Stainless steel washers • Polypropylene handle <p>AB102 - DRUM AB10102 - BASE MOUNT</p>

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RYCO® HYDRAULIC QUICK RELEASE COUPLINGS RYCO®

RYCO quick release couplings allow for fast change over of attachments on your agricultural equipment. RYCO couplings have a full spanner hex for easy installation and extra internal balls for additional safety. The check valves close automatically on disconnection and open on connection.

Poppet Check Valve Quick Release Couplings

- Single acting sleeve, manually retracted to connect and disconnect.
- Improved flow and less pressure drop compared to Ball Type check valves.
- Nitrile (Buna N) -rings, with back-up washer preventing O-ring extrusion at high pressure.
- Operating temperature from -25°C to +125°C.
- Available in sizes from 1/4" to 1"
- BSPP, NPT & UNO available in selected sizes.
- Max. WP up to 5,100 psi in some sizes.



R80, R81, R82, R85 & R86

Ball Check Valve Quick Release Couplings

- Good quality general purpose steel hydraulic couplings.
- Operating temperature from -25°C to +125°C.
- Available in 1/4" to 1/2", BSPP & NPTF in selected sizes.
- Max. WP up to 5,100 psi in some sizes.



R91, R94, & R96

Breakaway Brackets



- Suitable for 1/4" couplers.

Dust Caps & Plugs



- Available in 1/4" to 1".

Other QRC's

- Flat Face
- High Pressure (10,000 psi)
- Heavy Duty
- High Flow
- PBR-Interchange

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EMERGENCY HYDRAULIC HOSE REPAIRS MADE SIMPLE

Keep one of these handy kits in your workshop - save hours, even days of downtime!

Hosepatch hydraulic hose repair kits provide an ideal temporary solution for hydraulic hose breakdowns.

Hosepatch can be used for repairing low pressure applications, where the hose is in relatively good condition and as a joiner in high pressure applications.

- ★ Up to 6000 PSI as a joiner
- ★ Up to 2000 PSI as a patch

Part No: HOSEPATCH KIT

KIT CONTAINS:

1/4 inch, 3/8 inch,
1/2 inch, 3/4 inch,
1 inch clamps &
joining barbs

INDIVIDUAL SIZES
AVAILABLE



SOLE SOUTH AUSTRALIAN DISTRIBUTOR

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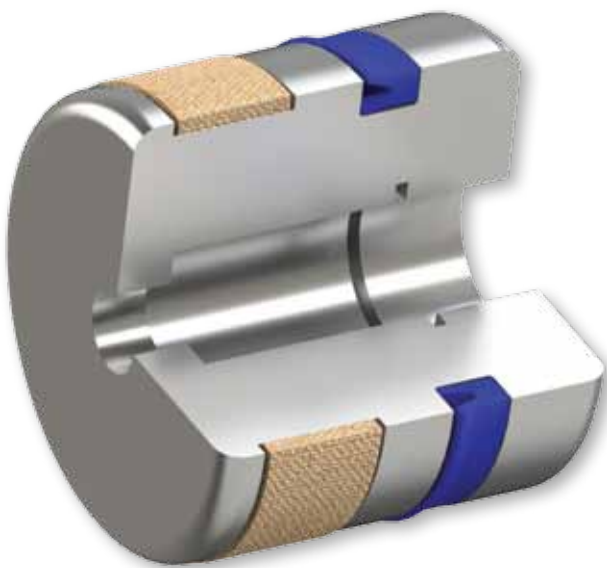
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INNOVATING TOGETHER



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Heightened for performance through a balance of material and design, our gaskets supply maximum sealing and durability.

Technologies include: homogenous rubber (press-in-place), carrier-type (plastic/metal), embossed steel, stamped composites, along with high-temp alloy materials and secondary coatings.



HDP SEALS

These precision-moulded hydraulic cylinder piston seals offer extreme strength against gap extrusion and high abrasion resistance. Unique moulding techniques provide dimensional stability, making it the ultimate seal to offer tight sealing and drift resistance for extreme conditions and pressure up to 800 bar.



O-RINGS

Custom compounds that withstand biodiesel (fuel systems), aggressive oils (power systems), coolants (cylinder liners), along with Six Sigma manufacturing capability transform the average standard O-ring into an integral part of the sealing system.



NEW POLYURETHANE

This superior, cost-effective urethane encompasses many market needs with one material. AU30000 seals handle higher temperatures, higher pressures, and more diverse fluids, and last longer overall. Ratings of 500 bar and -40°C to 120°C put this urethane in a class of its own.



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O-RING KITS

**Nitrile 70 Duro O-Ring Kit that includes:**

- BS006-BS012 x 7 sizes
- BS110-BS116 x 7 sizes
- BS210-BS222 x 13 sizes
- BS325-BS327 x 3 sizes
- 382 O-Rings

**Quality
BL Shipway
Imperial size
O-Ring Kit**

70 Duro

P/N 67034823

90 Duro

P/N 67040916

**Nitrile 70 Duro MaxiKit that includes:**

- BOSS O-Rings - 903-916 - Nitrile 90 x 8 sizes
- Flange O-Rings - BS210-BS228 - Nitrile 90 x 6 sizes
- 1/16" Cross Section - BS006-BS030 - Nitrile 70 x 25 sizes
- 3/32" Cross Section - BS109-BS135 - Nitrile 70 x 24 sizes
- 1/8" Cross Section - BS210-BS236 - Nitrile 70 x 25 sizes
- Over 1400 O-Rings

**MAXI
Imperial size
70 Duro Kit**

P/N RY1603

**Nitrile 70 Duro Maxi Kit that includes:**

- 1mm Cross Section - 10-24mm ID - Nitrile 70 x 8 sizes
- 1.5mm Cross Section - 21-30mm ID - Nitrile 70 x 6 sizes
- 2mm Cross Section - 3-41mm ID - Nitrile 70 x 24 sizes
- 2.5mm Cross Section - 19-82mm ID - Nitrile 70 x 24 sizes
- 3mm Cross Section - 9-49mm ID - Nitrile 70 x 19 sizes
- Over 1400 O-Rings

**MAXI
Metric size
70 Duro Kit**

P/N RY1605

**A massive range of O-Ring Kits
and Seals available!**

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O-RING & SEAL REMOVAL TOOL SETS



4 PIECE O-RING HOOK & PICK SET

With plastic handles

P/N: PICK-SET



8 PIECE HEAVY DUTY O-RING HOOK & PICK SET

P/N: PICK-SET-HD



Ludowici Silicone Grease is a high performance translucent grease. Operating temperature is -50°C to 200°C. Available in 100g, 1kg and 4.5kg tubs.

**A massive range of O-Ring Kits
and Seals available!**

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*Convert your existing
Air Seeder Drive to an
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Hydraulic Drive.*

- All speeds catered for up to 7,000 RPM
- Quality Rexroth Hydraulic Piston and Gear motors used for optimum performance.
- Overrun check valves incorporated in most gear motors.



*Information
Required*

- * Fan RPM
- * Tractor Oil Flow & Pressure
- * Nominated Horsepower



B.L. Shipway also has a massive range of **HYDAC** high pressure and return filters, flow and pressure control valves as well as **IRYCO** quality hydraulic hose and fittings to complete the job.



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**20
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OVER FOUR DECADES, THE CHURCH BLOCK LABEL HAS BECOME AN AUSTRALIAN FAVOURITE.

Region: McLaren Vale

Varietal: Cabernet Sauvignon, Shiraz, Merlot

A much-loved South Aussie red. Great value and worth stashing away for a few years.

Tony Love - The Advertiser

*Offer expires on
May 31st 2024.*



2022 HIDING CHAMPION

Region: Adelaide Hills

Varietal: Sauvignon Blanc

Adelaide Hills Sauvignon Blanc in good form. This hits the spot.

Campbell Mattinson -
The Wine Front



Order just 20 coils in one order and receive this TOP QUALITY gift pack.

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PAGE	DESCRIPTION	DISCOUNT
	PVC AIR SEEDER HOSE	
4	BARFLO INDUSTRIAL AIR SEEDER HOSE	
4	BARFLO HEAVY DUTY AIR SEEDER HOSE	
5	MEDIUM DUTY AIR SEEDER HOSE - BLACK/RED/GREEN SPIRAL	
6	ECO CLEAR BLACK AIR SEEDER HOSE	
6	ECO GREY AIR SEEDER HOSE	
7	HEAVY DUTY EXTRA FLEXIBLE GREY SUCTION HOSE	
8	HEAVY DUTY AIR SEEDER HOSE - BLACK SPIRAL	
9	GREENLINE ABRASIVE RESISTANT AIR SEEDER HOSE	
10	GENERAL PURPOSE BLACK SUCTION/DISCHARGE HOSE	
11	ABRASION RESISTANT URETHANE SUCTION/DISCHARGE HOSE	
	RUBBER AIR SEEDER HOSE	
12	RYCO RUBBER AIR SEEDER HOSE	
12	RYCO DIEHARD – Seeding Boots, double braid hydraulic hose	
	AIR SEEDER TUBING	
13	LDPE AIR SEEDER TUBE	
13	SEEDERFLEX TUBE	
	AIR SEEDER DUCTING	
14	TPR DUCTING	
14	ABRASAFLEX DUCTING	
	AGRICULTURAL PRODUCTS	
15	RYCO MULTI PURPOSE MP1 HOSE	
15	RYCO MULTI PURPOSE MP2 HOSE	
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16	AG SPRAY BLACK HOSE	
17	SUPER ULTRAFLEX - AIR & WATER HOSE	
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