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The Right Connection™



Our years of experience in this field has enabled the development of a range of products ideally suited to Australian conditions. The ongoing development of our range of products continues to meet the industry requirements where increased volumes and capacities continue to set new standards.

Dewatering Products



Dewatering Product Guide 2006

Distributed by:

"King" Combination Nipples

Hose nipples, made from tubular stock, to fit straight end hose. These nipples are made to fit the most common BSP thread sizes as well as 50mm and 75mm ID hoses. The 50mm ID hose is 50mm in diameter and fits 50mm ID hose. Combination nipples are recommended for low pressure discharge and suction service. The working pressure of combination nipples varies with the size of the nipple, the size and construction of the hose and the type of clamping system used; consult the Factory for recommendations.



Plated Steel BSP Thread

Plated Steel BSP Thread

Size (mm)	Part #
15	STC1A
20	STC5A
25	STC10A
32	STC15A
40	STC20A
50	STC25A
65	STC30A
75	STC35A
100	STC40A
125	STC50A
150	STC60A
200	STC80A
250	STC100A
300	STC120A

316 Stainless Steel BSP Ends

Size (mm)	Part #
15	RST1A
20	RST5A
25	RST10A
32	RST15A
40	RST20A
50	RST25A
65	RST30A
75	RST35A
100	RST40A
125	RST50A
150	RST60A
200	RST80A

SAFETY ALERT

NOT INTENDED FOR COMPRESSED AIR.

Brass Nut & Tail (BSP Thread)

Female

Size	Part #
12mm x 12mm	FBB050
20mm x 15mm	FBB075050
20mm x 20mm	FBB075
25mm x 15mm	FBB100050
25mm x 20mm	FBB100075
25mm x 25mm	FBB100
32mm x 25mm	FBB125100
32mm x 32mm	FBB125
40mm x 32mm	FBB150125
40mm x 40mm	FBB150
50mm x 40mm	FBB200150
50mm	FBB200
65mm	FBB250
75mm	FBB300
100mm	FBB400



Female BSP



Male BSP



Male & Female BSP

SAFETY ALERT

NOT INTENDED FOR COMPRESSED AIR.

Clamps

Dixon Double Bolt Clamps

A rugged, plated, malleable iron two bolt clamp with machine bolts and hex nuts. Inner surface has dual gripping ridges. Bolt lugs are reinforced to prevent bending out of alignment.



Double bolt clamp with two saddles.

Part #	For Hose O.D. From:	To:
400	88.9mm	96.8mm
431	96.0mm	103.2mm
463	102.4mm	108.7mm
525	108.0mm	125.4mm
550	114.3mm	133.4mm
600	130.2mm	144.5mm
639	144.5mm	150.8mm
675	150.8mm	165.1mm
769	165.1mm	192.1mm
818	195.3mm	208.0mm
875	209.6mm	225.4mm
988	227.0mm	250.8mm
1125	252.4mm	288.9mm
1275	284.2mm	330.2mm
1360	309.6mm	355.6mm
1450	335.0mm	381.0mm
1700	382.6mm	444.5mm



Double bolt clamp without saddles.

Part #	For Hose O.D. From:	To:
J48	28.6mm	30.2mm
J49	30.2mm	34.9mm
JX49	36.5mm	38.9mm
DL14	41.3mm	46.0mm
DL20	44.5mm	52.0mm
DL24	53.6mm	58.3mm
DL32	58.7mm	66.7mm
DL275	63.5mm	69.9mm
DL306	69.9mm	77.8mm
DL328	77.8mm	85.7mm
DL350	82.6mm	88.9mm

Layflat Delivery Hose

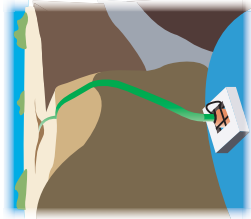
Extra Heavy Duty Green Mine Dewatering Layflat

The most abrasion resistant and high pressure hose in the layflat series, recommended for use with high tension and high working pressure in mines, irrigations and constructions. Its ruggedness and high tensile strength make it suitable for use in mining, dam construction and other high-head pumping applications using high-pressure pumps on steep slopes. Also suitable for high-lift drainage of water mixed with gravel or mud using sand pumps.

Colour: Green

Temperature: -20°C to 54°C

Construction: 3 Ply yarns. Both tube and cover are extruded simultaneously to obtain maximum bonding Full coil quantities only.



Dewatering Layflat

Part #	Size	WP (psi)	BP (psi)	Tensile Strength (kgs/m)	Weight (kgs/m)
LF150GN	150mm x 100metre coils.	220	725	11,000	2,800
LF200GN	200mm x 100metre coils.	145	430	17,700	3,800

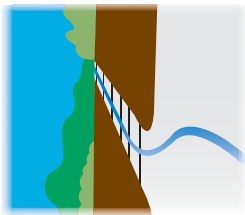
Medium Duty Blue

Designed and constructed specifically for the trickle market, blue layflat is suitable for drainage of locations with relatively small differences in elevation. Also suitable for temporary water supply or drainage, and for trickle and sprinkler irrigation of small farms for spreading compatible liquid fertilisers and agricultural chemicals.

Colour: Blue

Temperature: -20°C to 54°C

Applications: Mining, Construction, Irrigation.



Sunny Blue

Part #	ID (mm)	OD (mm)	WP (psi)	BP (psi)	Weight (kg/mtr)	Coil (Length mtr)
LFAR025	26	29	100	300	0.160	100
LFAR032	32	35	100	300	0.200	100
LFAR040	40	43	75	220	0.210	100
LFAR050	52	55	75	220	0.290	100
LFAR065	65	68	60	180	0.400	100
LFAR080	77	82	60	180	0.750	100
LFAB100	103	107	60	180	1.000	100
LFAB125	128	132	45	135	1.250	100
LFAB150	153	158	45	135	1.250	100
LFAB200	207	212	45	135	1.930	100

Heavy Duty Red

Designed for water drainage at open pit mining. Also suitable for civil engineering/dam construction sites in mountains or other areas where water must be moved to significantly higher or lower elevations. This hose has excellent abrasion resistance so that it can be used to move water mixed with gravel, mud, concrete, milk, or to sow grass seeds on embankments.

Colour: Red

Temperature: -20°C to 54°C

Applications: Mining, Construction, Irrigation.



Heavy Duty Red

Part #	ID (mm)	OD (mm)	WP (psi)	BP (psi)	Weight (kg/mtr)	Coil (Length mtr)
LFAR040	40	43.6	150	450	0.30	100
LFAR050	52.5	56.5	150	450	0.42	100
LFAR065	66	70.2	150	450	0.55	100
LFAR080	78.5	82.7	125	375	0.66	100
LFAR100	104	109.0	125	375	1.02	100
LFAR150	155	160.6	100	300	1.65	100
LFAR200	208	214.8	70	210	2.20	100

Fittings

Bauer Couplings

Bauer Coupling Features

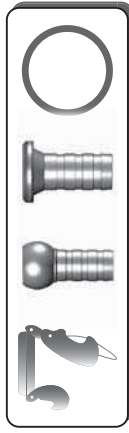
- Quick connect and disconnect
- Hot Dipped Galvanised
- Up to 30 Degree bending angle at the coupling joint whilst maintaining max flow
- Ideal for difficult sites
- Rubber seal provides an excellent seal under both pressure and vacuum
- Also available in stainless steel with oil and heat resistant seals
- Heavy duty machined tails for extra heavy duty applications where reduced distortion may be required
- Up to 20bar working pressure

Application

- Irrigation suction and delivery hose connectors
- Heavy duty mining suction and delivery slurry line connectors
- Medium vacuum line connectors
- Waste water suction and delivery line connectors

Bauer - Heavy Duty Machined Tails

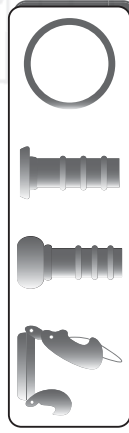
Part #	Size
HD075SET	3" Complete Set
HD100SET	4" Complete Set
HD150SET	6" Complete Set
HD200SET	8" Complete Set
HD300SET	12" Complete Set



Heavy Duty Bauer Tails

Bauer - Medium Duty

Part #	Size
050BSET	2" Complete Set
075BSET	3" Complete Set
100BSET	4" Complete Set
150BSET	6" Complete Set
200BSET	8" Complete Set
300BSET	12" Complete Set



Medium Duty Bauer Couplings

Flanged Hose Tail Heavy Duty Machined Tails

Part #	Size
HD135075	3"
HD135100	4"
HD135150	6"
HD135200	8"

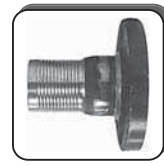


Flanged Hose Tail

Recommended for Layflat hose Suction / Delivery

"KING" Combination Flanged Hosetails

Part #	Size (mm)
FSTE150	40
FSTE200	50
FSTE250	65
FSTE300	75
FSTE400	100
FSTE500	125
FSTE600	150
FSTE800	200
FSTE1000	250
FSTE1200	300

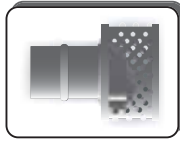


*KING" Combination Flanged Hose Tail

Recommended for Rubber hose Suction / Delivery
Not Recommended for Layflat

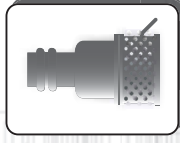
Strainers and Skimmers

Strainer Hosetail



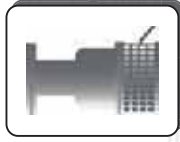
Strainer Hose Tail

Part #	Size
132-075	3"
132-100	4"
132-150	6"
132-200	8"



Foot Valve with Hosetail

Part #	Size
130-075	3"
130-100	4"
130-150	6"
130-200	8"



Flanged Foot Valve

Foot Valve with Hosetail

Flanged Foot Valve

Part #	Size
131100	4"
131150	6"
131200	8"
131250	10"
131300	12"

Black Polyethylene Strainer



Black Polyethylene Strainer

Part #	Size (mm)
TSS20	40
TSS25	50
TSS35	75



Standard Thread Square Hole Type

Part #	Size (mm)
SSSH150	40
SSSH200	50
SSSH250	65
SSSH300	75
SSSH400	100
SSSH500	125
SSSH600	150



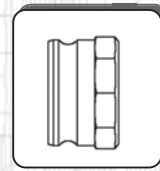
Standard Threaded Round Hole Type

Standard Threaded Round Hole Type

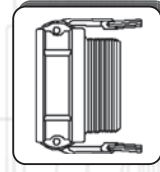
Standard Thread Square Hole Type

Cam and Groove

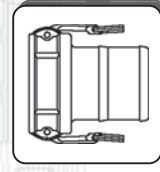
All of our Cam and Groove couplers and adaptors are produced to interchange with all product produced to Mil-C-27487E. No standard exists for the 15mm and 200mm fittings, and generally these sizes do not interchange with other manufacturers. Designed for use with Liquids, consult Dixon for specific recommendations.
Recommendations based on the use of mating Dixon fittings at ambient temperature (70° F) with standard Buna-N Seal installed. For use at elevated temperature or other unusual operating conditions, consult the factory. Specifications: Pressure Ratings:



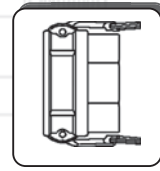
TYPE A



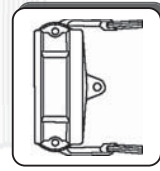
TYPE B



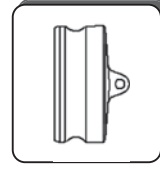
TYPE C



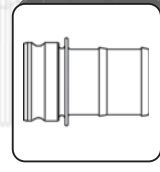
TYPE D



TYPE DP



TYPE E



TYPE F



UNDER NO CIRCUMSTANCES SHOULD CAM AND GROOVE COUPLINGS BE USED FOR COMPRESSED AIR OR STEAM SERVICE!


Dewatering Products

Dixon's range of dewatering products has been compiled specifically for industries that rely on pumping dewatering applications. Associated suction and delivery lines are available as either fully assembled or individual components, and are ideally suited to harsh Australian conditions.

Dixon's program of ongoing development enables product to meet industry requirements where increased volumes and capacities continue to set new standards.

Rubber Suction and Delivery Hose

Contractors Suction Hose

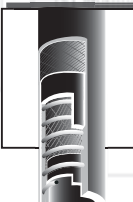


Tube: Natural and synthetic rubber.
Cover: Corrugated cover abrasion and weather resistant cover.
Reinforcement: Textile reinforcement and steel wire helix.
Temperature Range: -25°C to 70°C.
Working Pressure: 45psi
Application: Water and slurry hose for pumping industry.

Contractors Suction Hose

Part #	Size	Part #	Size
A214075L6	75mm x 6 metre length c/w cuffed ends	A2141100	100mm x 20 metre length coils
A214100L6	100mm x 6 metre length c/w cuffed ends	A214125	125mm x 20 metre length coils
A214150L3	150mm x 3 metre length c/w cuffed ends	A214150	150mm x 20 metre length coils
A214200L3	200mm x 3 metre length c/w cuffed ends	A214200	200mm x 20 metre length coils

Heavy duty water suction and delivery hose




Tube: Black, smooth SBR rubber.
Cover: Black, smooth (wrapped finish), EPDM rubber, ozone and weathering resistant.
Reinforcement: High strength synthetic cord plus wire helix.
Temperature Range: -30°C to 70°C.
Application: Suction and delivery of water, waste, mud etc.

Water, Suction and Delivery Hose

Part #	Size	Part #	Size
A2100050	50mm x 20 metre lengths	A210050	50mm x 20 metre lengths
A210080	75mm x 20 metre lengths	A210100	100mm x 20 metre lengths
A210100	100mm x 20 metre lengths	A210150	150mm x 20 metre lengths
A210150	150mm x 20 metre lengths	A210200	200mm x 20 metre lengths

TechFlex



Colour: Black.
Composition: Nitrile oil/weather resistant rubber.
Temperature Range: -20°C to 80°C.
Application: Industrial Washdown, Pump Discharge, Submersible Pump Discharge, Bypass Systems, Drainage Systems, Irrigation/Watering, Fertiliser Distribution, Cable Cover, and Pollution Control Flootation Booms.

Rubber Layflat Water Delivery

Part #	Size	Wall Thickness mm	WP (psi)	Tensile strength (kg/s)	Bending radius (mtr)	Weight (kg/mtr)
ORO075	75mm x 25 metre lengths	2.5	175	1800	1.45	0.680
ORO075100	75mm x 100 metre lengths	2.5	175	1800	1.45	0.680
ORO100	100mm x 25 metre lengths	2.5	150	2400	1.70	0.950
ORO100100	100mm x 100 metre lengths	2.5	150	2400	1.70	0.950
ORO150	150mm x 20 metre lengths	3.0	150	5000	2.25	1.650
ORO150100	150mm x 100 metre lengths	3.0	150	5000	2.25	1.650
ORO200	200mm x 20 metre lengths	3.0	150	6600	3.00	2.250
ORO200100	200mm x 100 metre lengths	3.0	150	6600	3.00	2.250

Mikalor Super Clamp Style



Mikalor Super Clamp Style

Ultra-Lok® Band Clamping System

Ultra-Lok provides a fast, reliable, consistent clamp made from 3/4", 1/4 hard, high tensile 201 stainless steel for unequalled strength and reliability. The powerful, portable UL9000 tool lets you apply clamps anywhere there is an AC outlet. Ultra-Lok's smooth ID seals tight with a gap-free, 360° seal and since the design allows locking under full tension, clamps resist rotation on pole applications.

- Preformed clamps available in sizes from 2" to 9" diameter.
- Speed/torque setting on tool for consistent repeatable tensioning.

Ultra-Lok® Smooth ID Clamps



Ultra-Lok® Electric Installation Tool



Part # UL9000

Size	Part #	Size	Part #
3"	UL227	5 1/2"	UL270
2 3/4"	UL210	6"	UL216
3"	UL211	6 1/2"	UL217
3 1/2"	UL212	7"	UL218
4"	UL213	8"	UL219
4 1/2"	UL214	9"	UL228
5"	UL215		

Hose Centre

Dixon Valve & Coupling Company have been at the forefront of industrial hose fitting and assembly technology for almost 100 years. The experience, along with a commitment to research and development has seen the release of many quality products. Brands such as Dixon Boss, Minsup, Holedall, Flow Chief and Bayco have become industry standard and recognised worldwide.

With the introduction of Holedall swaging systems, hose fitting and testing equipment into Dixon Asia Pacific branches throughout Australia, we can now manufacture a wide variety of specialty hose assemblies and provide industrial hose fitting services.

Hose fitting centres have been established in Perth, Sydney, Adelaide and Brisbane and are geared to deliver a high level of service and expertise. These service centres have been developed to manufacture quality fitted assemblies, utilising the latest technology to provide innovative solutions to the industrial hose market.

HOSE FITTING CENTRE PRODUCTS:

- Internal Swaging
- External Swaging
- Crimped Assemblies
- Composite Hose Assemblies
- Stainless Steel Convuluted & Teflon Assemblies
- Sanitary & Food Grade Assemblies
- Materials Handling & Concrete Pump Assemblies
- Air Hose Assemblies
- Industrial Air Tool Assemblies
- Suction & Delivery Assemblies
- Mine Dewatering Assemblies
- Industrial Lay Flat Assemblies
- Fire Hoses
- General Assemblies Made to Order

SERVICES:

- In House Hydrostatic Pressure Testing
- Hose Assembly Identification and Database Logging
- On Site Hose & Fitting Safety Audits



This Safety Alert logo is used as a reminder that the user should carefully review for safety the appropriateness of the product for the media, application and environment in which it will be used.

SAFETY ALERT