

Hose - Air & Water

A101AS-T2 Black Anti-Static Air/Water Hose 20 bar to BS2050:1978



- Application:** Extruded construction all rubber anti-static hose meeting the requirements of BS2050:1978 with conductivity between liner and cover. It is used widely in the offshore oil and gas industry where maintenance using compressors and air driven plant and equipment in a spark free environment is crucial. Pressure and general construction standards to BS EN ISO 2398:2008 and the old BS5118/2:1975.
- Working pressure:** 20 bar (300psi), safety factor 3:1.
- Lining:** Black sbr rubber, oil mist resistant.
- Reinforcement:** High strength textile yarn.
- Cover:** black sbr rubber, ozone and weather resistant.
- Branding:** WHITE (INK JET) A101AS T2 AIR/WATER 20 BAR BS2050 BS5118/2 EN2398 DATE OF MANUFACTURE DIXON ASSEMBLY W.P._____.
- Temperature range:** -20°C to +80°C.

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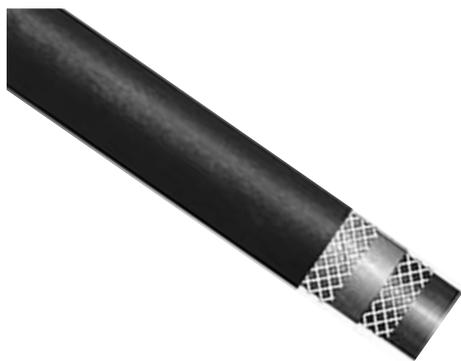
PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	OD	OD	WORKING	BURST (MIN)			
A101AS-T2-010	10	17	20	60	0.25	100	120
A101AS-T2-012	12.7	21	20	60	0.35	130	120
A101AS-T2-020	19	29	20	60	0.48	190	120
A101AS-T2-025	25.4	35.5	20	60	0.67	250	120

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Air & Water

A101HP Black Air/Water Hose 20 bar



Application: General purpose extruded construction all rubber black air/water hose. Suited to a variety of air and water applications in agriculture, construction, plant hire, civil engineering, mining and quarrying. Pressure and general construction standards to BS EN ISO 2398:2008 and the old BS5118/2:1975.

Working pressure: 20 bar (300psi), safety factor 3:1.

Lining: Black sbr rubber, oil mist resistant.

Reinforcement: High strength textile yarn.

Cover: Black sbr rubber, ozone and weather resistant.

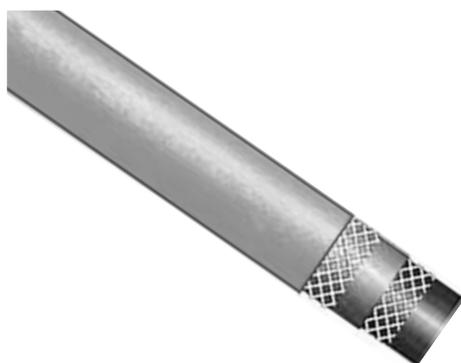
Branding: YELLOW (INK JET) DIXON A101HP AIR/WATER 20 BAR BS5118/2 EN2398 DATE OF MANUFACTURE DIXON ASSEMBLY W.P._____.

Temperature range: -20°C to +80°C.

PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A101HP006	6	13	20	60	0.18	60	100
A101HP008	8	15	20	60	0.21	80	100
A101HP010	10	17	20	60	0.25	100	100
A101HP012	12.7	21	20	60	0.35	130	100
A101HP020	19	29	20	60	0.48	190	100
A101HP025	25.4	35.5	20	60	0.67	250	100



A102HP Yellow Air/Water Hose 20 bar



Application: General purpose extruded construction all rubber yellow air/water hose. Suited to a variety of air and water applications in agriculture, construction, plant hire, civil engineering, mining and quarrying. Pressure and general construction standards to BS EN ISO 2398:2008 and the old BS5118/2:1975.

Working pressure: 20bar (300psi), safety factor 3:1.

Lining: Black SBR, oil mist resistant.

Reinforcement: High strength textile yarn.

Cover: Yellow SBR, ozone and weather resistant.

Branding: BLACK INK JET DIXON A102HP AIR/WATER 20 BAR BS5118/2 EN2398 DATE OF MANUFACTURE DIXON ASSEMBLY W.P._____.

Temperature range: -20°C to +80°C.

PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A102HP012	12.7	21	20	60	0.35	130	100
A102HP020	19	29	20	60	0.48	190	100
A102HP025	25.4	35.5	20	60	0.67	250	100

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Air & Water

A190 Super Air/Water Hose 20 bar


Application:

High quality black or yellow air/water hose, mandrel construction. Suited to a variety of air and water applications in construction, plant hire, civil engineering, mining and quarrying where a more robust, durable hose is required. Pressure and general construction standards to BS EN ISO 2398:2008 and the old BS5118/2:1975.

Working pressure:

20 bar (300psi), safety factor 3:1.

Lining:

Black SBR, oil mist resistant.

Reinforcement:

High strength textile yarn.

Cover:

Black or yellow SBR, ozone and weather resistant

Branding:

DIXON A190 AIR/WATER EN2398:2008 20BAR SF 3:1 DATE OF MANUFACTURE DIXON ASSEMBLY W.P. _____ .

Yellow tape on black cover and blue tape on yellow cover.

Temperature range:

-35°C to +80°C.

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BLACK COVER

PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A190012	13	22	20	60	0.61	91	61
A190020	19	29	20	60	0.60	133	61
A190025	25	35	20	60	0.70	135	61
A190032	32	46	20	60	1.30	224	61
A190038	38	52	20	60	1.50	266	61
A190050	51	65	20	60	1.90	357	61
A190080	76	92	20	60	3.20	532	61

YELLOW COVER

PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A190012Y	13	22	20	60	0.61	91	61
A190020Y	19	29	20	60	0.60	133	61
A190025Y	25	35	20	60	0.70	135	61
A190032Y	32	46	20	60	1.30	224	61
A190038Y	38	52	20	60	1.50	266	61
A190050Y	51	65	20	60	1.90	357	61
A190080Y	76	92	20	60	3.20	532	61

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Hose - Air & Water

A210 Water Suction and Delivery Hose 10 bar



Application:	General heavy-duty suction and discharge of water and mild water borne slurries. Commonly used on centrifugal and diaphragm pumps throughout a wide range of industries. Can be used with waste water with 5-10 pH.
Working pressure:	Positive 10 bar (150psi), safety factor 3:1. Negative 1 bar.
Lining:	Black SBR.
Reinforcement:	High strength textile yarn and high tensile carbon steel helix.
Cover:	Black SBR, ozone and weather resistant.
Branding:	Green tape DIXON A210 WATER S&D 10 BAR/Vac 1 bar SF 3:1 DATE OF MANUFACTURE DIXON ASSEMBLY W.P. _____.
Temperature range:	-35°C to +80°C.

PART NUMBER	DIMENSIONS MM		PRESSURE			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE BAR		NEGATIVE BAR			
	ID	OD	WORKING	BURST (MIN)		BAR		
A210038	38	47	10	30	1	1.00	266	61
A210050	51	62	10	30	1	1.80	357	61
A210065	63	74	10	30	1	2.20	441	61
A210080	76	87	10	30	1	2.80	532	61
A210100	102	114	10	30	1	4.30	714	61
A210150	152	169	10	30	1	9.50	1064	30.5

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FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



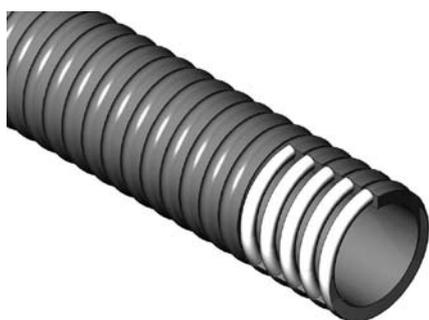
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Hose - Air & Water

Irribulk M Green Spiral PVC Suction and Delivery Hose



Application: Medium duty spiral pvc hose used in agriculture, construction, plant hire, and water utilities etc. for the suction and delivery of water, slurries, grain, animal feed and other solids whether on plant or tankers. Can also be used on diluted chemicals.

Working pressure: 8 bar (116psi) to 3.3 bar (48psi). Safety factor 3:1 and vacuum 0.78 bar to 0.60 bar depending on bore size. Ratings @ 23°C, +/- 2°C.

Construction: Olive green soft pvc with embedded shock resistant semi-rigid white pvc spiral helix.

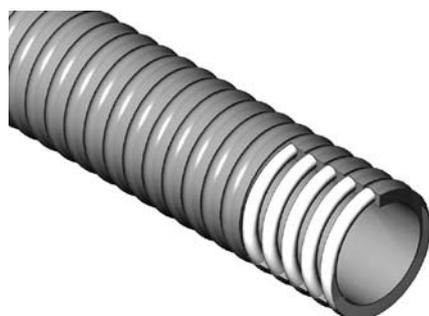
Branding: DIXON IRRIBULK M ASSEMBLY W.P _____.

Temperature range: -15°C to + 60°C.

PART NUMBER	DIMENSIONS MM		PRESSURE @ 23°C (+/- 2°C)			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE BAR		NEGATIVE BAR			
	ID	OD	WORKING	BURST		BAR		
AUS025GN	25	31.4	8	24	0.78	0.36	113	30
AUS032GN	32	39	7	21	0.78	0.46	144	30
AUS038GN	38	45.8	6.3	19	0.78	0.57	171	30
AUS050GN	51	59.6	5.3	16	0.78	0.83	230	30
AUS065GN	63	74.8	5	15	0.78	1.00	284	30
AUS080GN	76	86	4.3	13	0.78	1.47	405	30
AUS100GN	102	113	4	12	0.78	2.17	459	30
AUS150GN	152	166.2	3.3	10	0.60	4.36	684	30

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Delvac Green Tinted Spiral PVC Suction and Delivery Hose



Application: This lighter duty spiral pvc hose is used in agriculture, construction, plant hire, and water utilities etc. for the light suction and delivery of water, slurries whether on plant or tankers. Can also be used on diluted chemicals.

Working pressure: 9 bar (130psi) to 6 bar (87psi). Safety factor 3:1 and vacuum 0.70 bar. Ratings @ 23°C, +/- 2°C.

Construction: Transparent green soft pvc with rigid white pvc spiral.

Branding: DIXON DELVAC ASSEMBLY W.P _____.

Temperature range: -15°C to + 60°C.

PART NUMBER	DIMENSIONS MM		PRESSURE @ 23°C (+/- 2°C)			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE BAR		NEGATIVE BAR			
	ID	OD	WORKING	BURST		BAR		
AUS020GTD	19	26.2	8	24	0.7	0.27	102	30
AUS025GTD	25	31.6	6.5	19.5	0.7	0.30	127	30
AUS032GTD	32	39.2	5.5	16.5	0.7	0.46	140	30
AUS038GTD	38	45.4	4.5	13.5	0.7	0.55	150	30
AUS050GTD	51	58.6	4.5	13.5	0.7	0.81	200	30

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Hose - Air & Water

PREMflex MDSE Spiral PVC Suction and Delivery Hose



Application:	This premium quality medium duty super elastic (MDSE) spiral pvc hose is suitable for most suction and delivery applications in conveying chemical solutions, abrasive slurries and solids such as grain, animal feeds and small aggregate. Provides exceptional low temperature flexibility and low friction/abrasion when dragged across surfaces.
Working pressure:	5.3 bar (77psi) to 3.3 bar (48psi). Safety factor 3:1 and vacuum 0.90 bar. Ratings @ 23°C, +/- 2°C.
Construction:	Grey specially compounded super elastic pvc with rigid blue pvc spiral.
Branding:	DIXON PREMflex ASSEMBLY W.P. _____.
Temperature range:	-25°C to + 65°C.

PART NUMBER	DIMENSIONS MM		PRESSURE @ 23°C (+/- 2°C)			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE BAR		NEGATIVE BAR			
	ID	OD	WORKING	BURST		BAR		
AUS038GB	38	48	5.3	16	0.9	0.70	114	30
AUS050GB	51	61	5	15	0.9	1.05	153	30
AUS065GB	63	75.2	4.7	14	0.9	1.39	189	30
AUS080GB	76	89	4.3	13	0.9	1.70	228	30
AUS100GB	102	117	4	12	0.9	2.70	306	30
AUS125GB	127	143.5	3.3	10	0.9	3.90	381	30
AUS150GB	152	171	3.3	10	0.9	5.00	456	30

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FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Oil, Chemical & General Purpose

A430 - Oil Suction and Delivery Hose 10 bar



Application: Designed for suction and discharge use on various petroleum products with upto 50% aromatic content, whether in plant or on tankers. Is suitable for handling unleaded fuels and hydraulic oils in return lines and wet diesel exhaust.

Working pressure: 10 bar (150psi), safety factor 3:1. Vacuum I bar.

Lining: Black NBR for 50% aromatics.

Reinforcement: High strength textile yarn, high tensile carbon steel helix and copper anti-static wire.

Cover: Black CR oil, ozone and weather resistant.

Branding: Red tape DIXON A430 OIL S&D 10 BAR VAC 1 BAR SF 3:1-DATE OF MANUFACTURE DIXON ASSEMBLY W.P._____.

Temperature range: -30°C to +80°C.

PART NUMBER	DIMENSIONS MM		PRESSURE BAR			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE		VACUUM			
	ID	OD	WORKING	BURST (MIN)				
A430020	19	29	10	30	1	0.60	140	61
A430025	25	35	10	30	1	0.70	178	61
A430032	32	42	10	30	1	0.80	224	61
A430038	38	47	10	30	1	0.90	266	61
A430050	51	62	10	30	1	1.60	357	61
A430065	63	74	10	30	1	1.90	441	61
A430080	76	87	10	30	1	2.50	530	61
A430100	102	114	10	30	1	3.80	714	61
A430150	152	172	10	30	1	9.50	1064	30.5

A400EU Heavy Duty Oil Suction and Delivery Hose 20 bar



Application: Designed for suction and discharge use on various petroleum products with upto 50% aromatic content. Also suited to handling seawater, mud and general offshore applications and bunkering.

Working pressure: 20 bar (300psi), safety factor 4:1. Vacuum 0.90 bar to 0.70 bar depending on bore size.

Lining: Black NBR for 50% aromatics.

Reinforcement: High strength textile yarn, high tensile carbon steel helix and copper anti-static wire.

Cover: Black CR oil, ozone and weather resistant.

Branding: Red tape DIXON BULKSTREAM A400EU OIL S&D 20 BAR SF 4:1 DATE OF MANUFACTURE.

Temperature range: -30°C to +80°C.

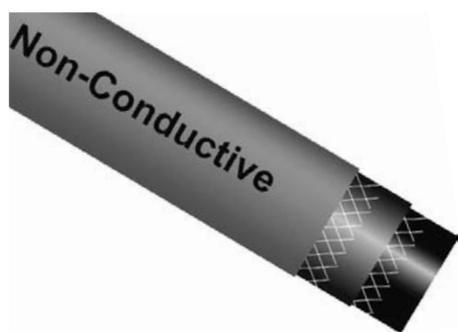
PART NUMBER	DIMENSIONS MM		PRESSURE BAR			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE		VACUUM			
	ID	OD	WORKING	BURST (MIN)				
A400EU076	76	94	20	80	0.90	3.40	532	40
A400EU100	102	126	20	80	0.90	4.80	714	40
A400EU150	152	181	20	80	0.80	10.90	1064	20
A400EU200	203	240	20	80	0.70	18.70	1421	TO ORDER

All bore sizes available in straight cured cut lengths to special order

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Hose - Oil, Chemical & General Purpose

A104 Red Multi-Purpose Non-Conductive Hose



Application:	Multi-purpose hose suitable for use in steel works, foundries, auto plants, general engineering and construction for conveying and de-canting a broad range of oils, greases and solvents (OGS). If in doubt on compatibility of solvents please refer to the Dixon sales office.
Working pressure:	20bar (300psi) to 14 bar (200psi) depending on bore size, safety factor 4:1.
Lining:	Black NBR.
Reinforcement:	High strength textile yarn.
Cover:	Red nitrile blend, oil, solvent, abrasion and ozone resistant.
Branding:	WHITE INK JET DIXON A104 NON CONDUCTIVE MULTIPURPOSE 300PSI WP SF 4:1 DIXON ASSEMBLY WP_____ in bore sizes 6mm to 25mm inclusive. 32mm & 38mm bore WP print 250PSI and 51mm 200PSI.
Temperature range:	-20°C to +100°C.

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PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A104006	6	16	20	80	0.24	55	100
A104008	8	18	20	80	0.25	73	100
A104010	10	19	20	80	0.27	90	100
A104012	12.5	22	20	80	0.38	115	100
A104016	16	26	20	80	0.43	150	100
A104020	19	30	20	80	0.63	175	100
A104025	25	38	20	80	0.96	225	100
A104032	32	45	17	68	1.24	320	30
A104038	38	53	17	68	1.44	380	30
A104050	51	67	14	56	1.50	500	30

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



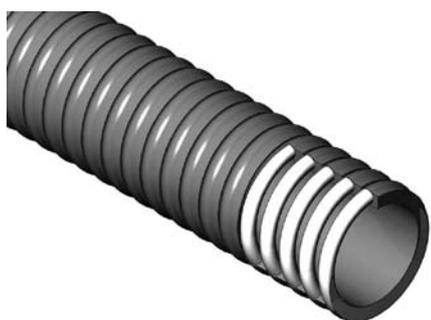
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Hose - Oil, Chemical & General Purpose

Baku Oil Blue Spiral PVC Suction and Delivery Hose



- Application:** Suitable for light suction and delivery of fuel oils with a low aromatic whether used in applications on plant or tankers. These include lubricating oils, hydraulic oils, diesel, kerosene, white spirit and other petroleum derivatives.
- Working pressure:** 9.7 bar (140psi) to 2 bar (29psi). Safety factor 3:1. Vacuum 0.88 bar to 0.78 bar depending on bore size. Ratings @ 23°C, +/- 2°C.
- Construction:** Blue soft nitrated pvc with embedded shock resistant semi-rigid white pvc spiral helix.
- Branding:** DIXON BAKU OIL HOSE DIXON ASSEMBLY W.P._____.
- Temperature range:** -15°C to + 60°C.

PART NUMBER	DIMENSIONS MM		PRESSURE BAR			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE		VACUUM			
	ID	OD	WORKING	BURST (MIN)				
AUS025BHD	25	33.4	9.7	29.1	0.88	0.485	113	30
AUS032BHD	32	40.8	8	24	0.88	0.580	144	30
AUS038BHD	38	47	8	24	0.88	0.680	171	30
AUS050BHD	51	60.4	6	18	0.88	1.040	230	30
AUS065BHD	63	73.4	5	15	0.88	1.360	284	30
AUS080BHD	76	87.6	4.7	14.1	0.88	1.700	342	30
AUS100BHD	102	115.5	3	9	0.88	2.620	459	30
AUS150BHD	152	167.6	2	6	0.78	4.430	684	10

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Oil, Chemical & General Purpose

A901 (GG) Composite Oil Hose 14 bar



Application:

This anti-static composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of hydrocarbons where 100% aromatic resistance is required. The hose construction is exceptionally lightweight and flexible for ease of handling yet remains robust, hardwearing and cost effective.

Hose and assembling specification in accordance with BS EN 13765: 2010.

Electrically resistant to less than 10 ohms, as required by BS 5842: 1980 clause 6.2.

Working pressure:

14 bar (203 psi), safety factor 4:1. Vacuum 0.90 bar.

Hose construction:

Polypropylene and Polyethylene films and fabrics with **black** weather-proof and abrasion resistant outer cover wrapped and tensioned between internal and external wire spirals. Inner and outer wire spiral, galvanised carbon steel (GG).

Branding:

Yellow spiral tape DIXON A901 OIL TYPE 3 BS EN 13765: 2010 14 BAR 80°C PP.

Temperature range:

-30°C to +80°C.



A901(GG) COMPOSITE OIL HOSE						
NOMINAL BORE MM	PRESSURE BAR			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	MAXIMUM COIL LENGTH METRE
	POSITIVE		VACUUM			
	WORKING	BURST (MIN)				
25	14	56	0.90	0.75	75	30
32	14	56	0.90	1.00	80	30
40	14	56	0.90	1.40	85	30
50	14	56	0.90	2.00	125	30
65	14	56	0.90	2.80	150	30
75	14	56	0.90	3.50	175	30
100	14	56	0.90	4.80	250	30

A901AG VAPOUR RECOVERY HOSE – ORANGE COVER						
NOMINAL BORE MM	PRESSURE BAR			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	MAXIMUM COIL LENGTH METRE
	POSITIVE		VACUUM			
	WORKING	BURST (MIN)				
76	10	40	0.90	2.10	185	30
100	10	40	0.90	2.90	275	30

(A = aluminium internal wire, G = galvanised steel outer wire)

ASSEMBLIES MADE TO CUSTOMER SPECIFICATION

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Oil, Chemical & General Purpose

A906 (PG) Composite Chemical Hose 14 bar



Application:

This anti-static composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of chemicals. The hose construction is exceptionally lightweight and flexible for ease of handling yet remains robust, hardwearing and cost effective.

Hose and assembling specification in accordance with BS EN 13765: 2010.

Electrically resistant to less than 10 ohms, as required by BS 5842: 1980 clause 6.2.

Working pressure:

14 bar (203 psi), safety factor 4:1. Vacuum 0.90 bar.

Hose construction:

Polypropylene and polyethylene films and fabrics with **grey** weather-proof and abrasion resistant outer cover wrapped and tensioned between internal and external wire spirals. Inner wire spiral, polypropylene coated mild steel (P), outer wire spiral galvanised carbon steel (G).

Other wire combinations available are.

A906PS (P = polypropylene coated carbon steel internal wire, S = stainless steel external wire) with green marker stripe to denote stainless steel external wire.

Branding:

Yellow spiral tape DIXON A906 CHEMICAL TYPE 3 BS EN 13765: 2010 14 BAR 80°C PP.

Temperature range:

-30°C to +80°C.

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NOMINAL BORE MM	PRESSURE BAR			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	MAXIMUM COIL LENGTH METRE
	POSITIVE		VACUUM			
	WORKING	BURST (MIN)				
25	14	56	0.90	0.75	75	30
32	14	56	0.90	1.00	80	30
40	14	56	0.90	1.40	85	30
50	14	56	0.90	2.00	125	30
65	14	56	0.90	2.80	150	30
75	14	56	0.90	3.50	175	30
100	14	56	0.90	4.80	250	30

ASSEMBLIES MANUFACTURED TO CUSTOMER SPECIFICATION

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Oil, Chemical & General Purpose

A911 (SG) Composite PTFE Chemical Hose 14 bar



Application:

This anti-static PTFE lined composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of aggressive chemicals or foods. The hose construction is exceptionally lightweight and flexible for ease of handling yet remains robust, hardwearing and cost effective.

Hose and assembling specification in accordance with BS EN 13765: 2010.

Electrically resistant to less than 10 ohms, as required by BS 5842: 1980 clause 6.2.

Working pressure:

14 bar (203 psi), safety factor 4:1. Vacuum 0.90 bar.

Hose construction:

PTFE lined with polypropylene and polyethylene films and fabrics with red weather-proof and abrasion resistant outer cover wrapped and tensioned between internal and external wire spirals. Internal wire spiral, stainless steel (S), external wire spiral, galvanised carbon steel (G).

Other wire combinations available are.

A911SS (S = stainless steel internal and external wires) with green marker stripe to denote stainless steel external wire.

Branding:

Yellow spiral tape DIXON A911 PTFE TYPE 3 BS EN 13765: 2010 14 BAR 115°C PTFE.

Temperature range:

-30°C to +115°C.



NOMINAL BORE MM	PRESSURE			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	MAXIMUM COIL LENGTH METRE
	POSITIVE		VACUUM			
	WORKING	BURST				
25	14	56	675	0.90	75	30
32	14	56	675	1.00	80	30
40	14	56	675	1.40	85	30
50	14	56	675	2.00	125	30
65	14	56	675	3.20	150	30
75	14	56	675	3.60	180	30
100	14	56	675	5.00	250	30

ASSEMBLIES MANUFACTURED TO CUSTOMER SPECIFICATION

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Telephone: +44 (0)1772 323529

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Hose - Oil, Chemical & General Purpose

A410 UHMWPE Chemical Suction and Delivery Hose 10 bar



- Application:** Designed for suction and discharge use on a wide range of chemicals and acids on plant or road/rail tanker.
- Working pressure:** 10 bar (150psi), safety factor 4:1. Vacuum 0.93 bar.
- Lining:** Black ultra high molecular weight polyethylene (UHMWPE).
- Reinforcement:** High strength textile yarn, high tensile carbon steel helix and copper anti-static wires.
- Cover:** Blue EPDM chemical ozone and weather resistant.
- Branding:** White tape DIXON A410 CHEMICAL S&D UHMWPE 10BAR/0.93 BAR SF 4:1 - DATE OF MANUFACTURE.
- Temperature range:** -35°C to +100°C. For short periods UHMWPE can also resist steam up to 130°C, **but please note it has a melting temperature of 135°C. IF IN DOUBT PLEASE CONSULT OUR SALES OFFICE.**

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PART NUMBER	DIMENSIONS MM		PRESSURE BAR			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE		VACUUM			
	ID	OD	WORKING	BURST (MIN)				
A410020	19	31	10	40	0.93	0.60	133	61
A410025	25	37	10	40	0.93	0.80	175	61
A410032	32	44	10	40	0.93	0.90	224	61
A410038	38	51	10	40	0.93	1.20	266	61
A410050	51	65	10	40	0.93	1.90	357	61
A410065	63	77	10	40	0.93	2.20	441	61
A410080	76	91	10	40	0.93	3.00	532	61
A410100	102	119	10	40	0.93	4.40	714	61

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

A235 - Steam Hot Water & Food Hose 7 bar



Application: Multi functional premium quality mandrel built steam, hot water and food hose. Widely used in the food industry sector e.g. creameries, bottling plants, breweries, dairies, food processing, including abattoirs. Resistant to fatty foods. Cover non-marking and pricked to allow ventilation of heat when used at high temperatures and reduce the risk of separation

Working pressure: 7 bar (101 psi) steam. 17 bar (246 psi) hot wash upto +95°C. Designed burst pressure 70 bar (1015 psi)

Lining: Extruded white food grade EPDM, FDA approved compounds.

Reinforcement: High strength textile yarns

Cover: Blue EPDM, pin pricked

Branding: White tape DIXON logo A235 STEAM HOT WATER FOOD FDA 7BAR SF 10:1 DATE OF MANUFACTURE DIXON ASSEMBLY W.P. _____

Temperature range: -20°C to +170°C

PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A235012BU	13	24	7	70	0.40	91	40
A235016BU	16	28	7	70	0.50	112	40
A235020BU	19	32	7	70	0.60	133	40
A235025BU	25	39	7	70	0.80	175	40



A235 - Black Steam Hose to BS5122:1986: A2 7 bar



Application: Steam hose for handling SATURATED STEAM and manufactured in accordance with BS5122:1986:A2. Used in many applications throughout industry. Avoid excessive contamination with oil

Working pressure: 7 bar (101psi). Safety factor 10:1

Lining: Extruded black EPDM

Reinforcement: High strength textile yarns

Cover: Black EPDM, pin pricked

Branding: Emboss brand DIXON A235 STEAM 7 BAR SF 10:1 170°C BS5122 A2 1986 DRAIN AFTER USE DATE OF MANUFACTURE DIXON ASSEMBLY W.P. _____

Temperature range: -20°C to +170°C

PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A235012BK	13	25	7	70	0.40	91	40
A235020BK	19	32	7	70	0.60	133	40
A235025BK	25	40	7	70	0.90	175	40

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Steam

A230 - Red Steam Hose to BS5342:1986: A2 18 bar



- Application:** Steam hose for handling SUPERHEATED STEAM and manufactured in accordance with BS5342:1986:A2. Widely used in petrochemical plants/refineries for maintenance and pipe insulation during freezing weather conditions. Avoid excessive contamination with oil
- Working pressure:** 18 bar (261 psi). Safety factor 10:1
- Lining:** Extruded black EPDM
- Reinforcement:** High tensile brass coated stranded steel wire
- Cover:** Red EPDM, pin pricked
- Branding:** Emboss brand DIXON A230 STEAM 18 BAR SF 10:1 210°C BS5342 A2 1986 DRAIN AFTER USE DATE OF MANUFACTURE DIXON ASSEMBLY W.P. _____
- Temperature range:** -20°C to + 210°C and intermittent to 232°C

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PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
A230012	13	27	18	180	0.50	52	40
A230020	19	33	18	180	0.70	76	40
A230025	25	40	18	180	0.90	100	40
A230032	32	46	18	180	1.30	128	40
A230038	38	54	18	180	1.65	152	40
A230050	51	68	18	180	2.20	200	40

STEAM IS DANGEROUS.

WE STRONGLY RECOMMEND THE USE OF GENUINE DIXON BOSS STEAM COUPLINGS & CLAMPS.

DO NOT COMPROMISE SAFETY.

FOR INSTALLATION & SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Food & Beverage

San-Hygienic Food Grade Suction and Delivery Hose 10 bar

- Application:** SAN-HYGIENIC and SAN-HYGIENIC CRUSHA are high quality suction and delivery hoses and have for many years been leading brands within the food industry. Manufactured from odourless and taste free rubber materials approved by the FDA, are free of phthalates and animal derivatives, and are highly flexible smooth bore hoses suitable for the transfer of liquid foodstuffs. These include beers, wines (alcohol concentration up to 96% @ 20°C), soft-drinks, milk, dairy products, mineral waters, potable water, oily fatty foods, chocolates, milks, creams and sauces etc. **Compounds free from phthalates and animal derivatives.**
- Working pressure:** 10 bar (150psi), safety factor 3:1. Vacuum 0.90 bar or 0.60 bar as appropriate.
- Lining:** FDA compliant, white smooth food grade NBR, grease and oil resistant.
- Reinforcement:** SAN-HYGIENIC - high strength synthetic plies, twin carbon steel helices. SAN-HYGIENIC CRUSHA - high strength synthetic plies and embedded nylon helix.
- Cover:** SAN-HYGIENIC cloth finish smooth blue or red SBR/EPDM blend, resistant to abrasion and ozone SAN-HYGIENIC CRUSHA cloth finish blue convoluted SBR/EPDM blend, resistant to abrasion and ozone. **Compounds free from phthalates and animal derivatives.**
- Branding:** White background tape - DIXON logo SAN-HYGIENIC FDA 10 bar SF 3:1 Vac 0.90 bar, DIXON logo SAN-HYGIENIC CRUSHA FDA 10 bar SF 3:1 Vac 0.60 bar, as appropriate.
- Temperature range:** -35°C to +80°C. Cleaning in accordance with 3-A Sanitary Standard Class II, steam sterilisation up to 121°C for 30 minutes at maximum 2 bar pressure, bactericidal treatment with chemical solutions up to 82°C at maximum 10 bar pressure, depending on solution and concentration.



SAN-HYGIENIC (SMOOTH)									
PART NO.S		DIMENSIONS MM		PRESSURE BAR			WEIGHT KG/M (APPROX)	BEND RADIUS MM (APPROX)	COIL LENGTH METRE
				POSITIVE		VACUUM			
RED	BLUE	ID	OD	WORKING	BURST (MIN)				
SANB020	SANF020	19	30	10	30	0.90	0.6	95	40
SANB025	SANF025	25	36	10	30	0.90	0.7	125	40
SANB038	SANF038	38	51.5	10	30	0.90	1.3	190	40
SANB050	SANF050	51	65.5	10	30	0.90	2.0	255	40
SANB065	SANF065	63	79	10	30	0.90	2.7	315	40
SANB080	SANF080	76	92	10	30	0.90	3.4	380	40
SANB100	SANF100	102	120.5	10	30	0.90	5.3	510	40

SAN-HYGIENIC CRUSHA (CONVOLUTED)									
PART NO.	DIMENSIONS MM		PRESSURE BAR			WEIGHT KG/M (APPROX)	BEND RADIUS MM (APPROX)	COIL LENGTH METRE	
			POSITIVE		VACUUM				
	ID	OD MIN/MAX	WORKING	BURST (MIN)					
SANC050	51	67/74	10	30	0.60	1.97	210	40	
SANC065	63	79/86.5	10	30	0.60	2.37	280	40	
SANC080	76	92/98	10	30	0.60	3.60	430	40	

All sizes are available in loose lengths or assemblies with all types of Holedall® External Crimp and IX Internal Expansion 316 stainless steel hygienic end connections in RJT, DIN, SMS, IDF, and Tri-Clamp form.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Food & Beverage

San-Hygienic PREMIUM Food Grade Suction and Delivery Hose 16 bar



- Application:** SAN-HYGIENIC PREMIUM is a higher pressure and temperature suction and delivery hose. Manufactured from odourless and taste free rubber materials approved by the FDA, are free of phthalates and animal derivatives, and are highly flexible smooth bore hoses suitable for the transfer of liquid foodstuffs. These include beers, wines (alcohol concentration up to 96% @ 20°C), soft-drinks, milk, dairy products, mineral waters, potable water, oily fatty foods, chocolates, milks, creams and sauces etc. **Compounds free from phthalates and animal derivatives.**
- Working pressure:** 16 bar (232psi), safety factor 3:1. Vacuum 0.90 bar.
- Lining:** FDA compliant, white smooth food grade NBR, grease and oil resistant.
- Reinforcement:** High strength synthetic plies, twin carbon steel helices.
- Cover:** Cloth finish, Grecato rope impression convolution, blue or red SBR/EPDM blend, resistant to abrasion and ozone. **Compounds free from phthalates and animal derivatives.**
- Branding:** White background tape - DIXON logo
SAN-HYGIENIC PREMIUM FDA 100°C 16 bar SF 3:1 Vac 0.90 bar.
- Temperature range:** -35°C to +100°C. Cleaning in accordance with 3-A Sanitary Standard Class II, steam sterilisation up to 130°C for 30 minutes at maximum 2 bar pressure, bactericidal treatment with chemical solutions up to 82°C at maximum 10 bar pressure, depending on solution and concentration.

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PART NO.S		DIMENSIONS		PRESSURE BAR			WEIGHT	BEND	COIL
RED	BLUE	MM		POSITIVE		VACUUM			
		ID	OD	WORKING	BURST (MIN)		KG/M (APPROX)	RADIUS MM (APPROX)	LENGTH METRE
SANB020-PREM	SANF020-PREM	19	30	16	48	0.90	0.6	50	40
SANB025-PREM	SANF025-PREM	25	36	16	48	0.90	0.7	63	40
SANB038-PREM	SANF038-PREM	38	51.5	16	48	0.90	1.4	95	40
SANB050-PREM	SANF050-PREM	51	65.5	16	48	0.90	2.1	130	40
SANB065-PREM	SANF065-PREM	63	79	16	48	0.90	2.7	160	40
SANB080-PREM	SANF080-PREM	76	92	16	48	0.90	3.4	228	40
SANB100-PREM	SANF100-PREM	102	120.5	16	48	0.90	5.4	310	40

All sizes are available in loose lengths or assemblies with all types of Holedall® External Crimp and IX Internal Expansion 316 stainless steel hygienic end connections in RJT, DIN, SMS, IDF, and Tri-Clamp form.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Food & Beverage

SAN-HYGIENIC Food Grade Delivery Hose 10 bar



- Application:** SAN-HYGIENIC hoses and have for many years been leading brands within the food industry. Manufactured from odourless and taste free rubber materials approved by the FDA, they are highly flexible smooth bore, soft wall (delivery only) hoses suitable for the transfer of non fatty liquid foodstuffs. These include beers, wines (alcohol concentration up to 96% @ 20°C), soft-drinks, fruit juice, mineral waters and potable water. **Compounds free from phthalates and animal derivatives.**
- Working pressure:** 10 bar (150psi), safety factor 3:1.
- Lining:** FDA approved, white smooth food grade EPDM.
- Reinforcement:** High tensile textile cords.
- Cover:** Cloth finish, smooth red EPDM, resistant to abrasion and ozone.
- Branding:** Emboss - DIXON SAN-HYGIENIC DELIVERY FDA 10 bar SF 3:1.
- Temperature range:** -35°C to +90°C. Cleaning in accordance with 3-A Sanitary Standard Class II, steam sterilisation up to 130°C for 30 minutes at maximum 2 bar pressure in an open system , bactericidal treatment with chemical solutions up to 82°C at maximum 10 bar pressure, depending on solution and concentration.



PART NO.	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROX)	BEND RADIUS MM (APPROX)	COIL LENGTH METRE
	ID	OD	WORKING	BURST (MIN)			
SANB013-DEL	13	23	10	30	0.3	91	40
SANB020-DEL	19	29	10	30	0.5	133	40
SANB025-DEL	25	37	10	30	0.7	175	40

All sizes are available in loose lengths or assemblies with all types of Holedall® External Crimp and IX Internal Expansion 316 stainless steel hygienic end connections in RJT, DIN, SMS, IDF, and Tri-Clamp form.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Food & Beverage

San-sil™ Silicone Suction and Delivery Hose



Application:

San-sil is a premium grade platinum cured, odourless, tasteless and completely non-toxic silicone suction and delivery hose with a smooth liner and cover. It is an ideal hose for all types of applications transferring liquid or semi-liquid chemical, food, cosmetic and pharmaceutical product. It is not suitable for handling abrasive particles. Meets or exceeds European Pharmacopoeia 3.1.9, FDA CFR 177.2600, BgVV & L11A and USP XXV1 Class V1.

Working pressure:

10 bar (145psi) to 3 bar (46psi) depending on bore size, safety factor 4:1. Full vacuum up to and including 51mm bore.

Lining:

FDA compliant transparent seamless extruded* smooth silicone.

Reinforcement:

Polyester fabrics, 316L stainless steel wire helix.

Cover:

FDA compliant transparent smooth silicone.

Temperature range:

-60°C to +180°C. (short periods +220°C Sterilisation by hot air or steam at +134°C, pressure 2.07 bar. The maximum recommended time at 135°C is 45minutes.

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PART NUMBER	DIMENSIONS MM		PRESSURE BAR		WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE @ 20°C	VACUUM			
	ID	OD	WORKING	BURST (MIN)			
SANS012	13	25	10	40	1.0	45	4
SANS019	19	31	10	40	1.0	65	4
SANS025	25	38	10	40	1.0	80	4
SANS038	38	51	10	40	1.0	150	4
SANS050	51	63	10	40	1.0	180	4
SANS065	63	76	7	28	0.5	220	4
SANS065	76	89	4	16	0.5	250	4
SANS100	102	114	3	12	0.5	360	4

* in bore sizes upto and including 63mm.

All sizes are available in loose lengths or assemblies with all types of Holedall® External Crimp and IX Internal Expansion 316 stainless steel hygienic end connections in RJT, DIN, SMS, IDF, and Tri-Clamp form. Bounce rings or spiral guard protection available.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Food & Beverage

PREM-vin Transparent PVC Suction and Delivery Hose



Application: Premium quality wire embedded food grade crystal clear pvc suction and delivery hose. Can be used for the transfer of many abrasive and non-abrasive food or non-edible materials whether solid or liquid including diluted chemicals. Precise placement and pitch of the spring steel wire spiral provides a high degree of flexibility and resistance to kinking and vacuum under the most arduous of conditions. Transparency reveals any line blockages that may occur. Steel spiral provides continuity for static dispersal provided it is securely connected to an earth path.

Food approved according to EEC 97/48 Classes A, B & C.

Working pressure: 12 bar (174 psi) to 3 bar (43.5 psi) depending on bore size. Safety factor 3:1. Vacuum 0.88 bar. Ratings @ 23°C +/- 2°C.

Hose construction: Crystal clear food grade soft pvc with fully embedded spring steel spiral helix. Smooth bore.

Branding: DIXON PREMVIN SUCTION DIXON ASSEMBLY W.P._____.

Temperature range: -15°C to +65°C.



PART NUMBER	DIMENSIONS MM		PRESSURE BAR @ 23°C +/- 2°C			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE		VACUUM			
	ID	OD	WORKING	BURST (MIN)				
ARM012	13	19.2	12	36	0.88	0.21	26	30
ARM020	19	26	11	33	0.88	0.33	38	30
ARM025	25	33	11	33	0.88	0.52	50	30
ARM032	32	40.2	10	30	0.88	0.66	80	30
ARM038	38	47	10	30	0.88	0.80	95	30
ARM050	51	61.8	8	24	0.88	1.30	128	30
ARM065	63	74	7	21	0.88	1.80	158	30
ARM080	76	89.6	5	15	0.88	2.30	190	30
ARM100	102	118	5	15	0.88	3.70	255	30
ARM125	127	143.2	4	12	0.88	4.70	381	30
ARM150	152	170.4	3	9	0.88	6.90	456	20

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Food & Beverage

Delikatesse Non-Toxic Clear PVC Suction and Delivery Hose



- Application:** Lightweight and highly flexible clear food grade pvc suction and delivery hose for use with various foodstuffs liquid or solid even at low temperatures.
- Working pressure:** 8 bar (116 psi) to 4 bar (58 psi) dependant on bore size.
Safety factor 3:1. Vacuum 0.68 bar. Ratings @ 23°C +/- 2°C.
- Construction:** Crystal transparent food grade soft pvc with embedded shock resistant semi-rigid white pvc spiral helix. Smooth bore.
- Branding:** DIXON DELIKATESSE DIXON ASSEMBLY W.P._____.
- Temperature range:** -15°C to +65°C.

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PART NUMBER	DIMENSIONS MM		PRESSURE BAR @ 23°C +/- 2°C			WEIGHT KG/M (APPROXIMATE)	BEND RADIUS MM (APPROXIMATE)	COIL LENGTH METRE
			POSITIVE		VACUUM			
	ID	OD	WORKING	BURST (MIN)				
AUS025FBW	25	31.6	8	24	0.68	0.33	114	30
AUS032FBW	32	39.2	7	22.5	0.68	0.46	143	30
AUS038FBW	38	45.4	6.5	19.5	0.68	0.55	171	30
AUS050FBW	51	59.2	6	18	0.68	0.81	230	30
AUS065FBW	63	70.8	5	15	0.68	1.04	264	30
AUS080FBW	76	86.4	4	12	0.68	1.38	342	30

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Dixon BULKSTREAM

Custom built, specially made to order rubber hose and assemblies.

This special range of what are often referred to as hand-built hoses generally facilitates features or specifications to a hose that is unique to a customers application or duty, providing reliability of service, longevity of life, cost effectiveness and adds to a safer working environment.

Typical applications and duties are conveying edible and non-edible liquids and abrasive media whether in a dry or water borne. These include fuels, oils, diesel, sea water, drill water, water, mud pump, chemicals, dry powders, sand, animal feed, grain, flour, cement, gravel, barytes etc.

Hoses used at dockside or ship to ship often are often specified to BS EN1765: 2004 for the transfer of all grades of petroleum products including crude oils and other liquid petroleum products with a maximum aromatics content of 40%. For higher aromatic content up to 100% Viton® is available.

A wide range of rubber compounds, hose constructions, cover types/finishes terminations, couplings and hose & coupling security is available.

**F**

BULKSTREAM A160HW Series Multipurpose Suction & Delivery Hose

'Hard wall' corrugated cover, smooth bore suction & delivery hose, with helical supporting wire.

Application:	Fuels, oils, diesel, sea water, mud, chemicals, dry powders, grains, flour, cement, sand, gravel, barytes.
Liner & cover:	Smooth with polymer selection as appropriate to duty.
Reinforcement:	Multiple layers of synthetic cord and fully rubber embedded and encapsulated high tensile steel wire helix.
End Terminations:	Hose is supplied without fittings or assembled with built in/vulcanised carbon steel nipples with slip-on welded or welded neck flanges as required. Alternatively swaged full bore fittings are available as are other fitting types in a range of metals alloys and finishes/coatings.

TYPE	BORE SIZE RANGE (ALL TYPES)	PRESSURE (POSITIVE)	SAFETY FACTOR (MINIMUM)	VACUUM (NEGATIVE)	BEND RADIUS (WHEN PRESSURISED)	MANDREL LENGTHS
A165	51mm, 76mm, 102mm, 127mm, 152mm, 178mm, 203mm, 254mm, 305mm, 356mm, 406mm, 457mm, 508mm, 610mm, 914mm, 1000mm	3.5 bar	3.5:1	0.85 bar	6 x bore	40m maximum depending on bore size
A166		7 bar				
A167		10 bar				
A168		15 bar				
A169		20 bar				

Temperature range: dependant on rubbers/polymers appropriate to construction. All assemblies are proof pressure tested to 1.5 x working pressure.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Bulkstream

BULKSTREAM A170SW Series Multipurpose Delivery Hose

'Soft wall' smooth cover and bore delivery hose, without helical supporting wire.

Application: Fuels, oils, diesel, sea water, mud, chemicals, dry powders, grains, flour, cement, sand, gravel, barytes.

Liner & cover: Smooth with polymer selection as appropriate to duty.

Reinforcement: Multiple layers of synthetic cord.

End Terminations: Hose is supplied without fittings or assembled with built in/vulcanised carbon steel nipples with slip-on welded or welded neck flanges as required. Alternatively swaged full bore fittings are available as are other fitting types in a range of metals alloys and finishes/coatings.

TYPE	BORE SIZE RANGE (ALL TYPES)	PRESSURE (POSITIVE)	SAFETY FACTOR (MINIMUM)	BEND RADIUS (WHEN PRESSURISED)	MANDREL LENGTHS
A170	51mm, 76mm, 102mm, 127mm,	3.5 bar	3.5:1	8 x bore	Up to and including 305mm bore = 20m Larger bore sizes = 12m
A171	152mm, 178mm, 203mm, 254mm,	7 bar			
A172	305mm, 356mm, 406mm, 457mm,	10 bar			
A173	508mm, 610mm,	15 bar			

Temperature range: dependant on rubbers/polymers appropriate to construction. All assemblies are proof pressure tested to 1.5 x working pressure.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

BULKSTREAM A600HW Series Oil Suction & Delivery Hose

'Hard wall' smooth cover and bore suction & delivery hose, with helical supporting wire.

Construction to BS EN 1765:2004 (formerly BS 1435: Part 1:1987) Types S7, S10 & S15.

Application:	Conveying a wide range of petroleum products, including crude oils and other liquid petroleum products in medium and heavy duty oil loading and un-loading duties on dockside, ship to shore or ship to ship.
Liner:	Smooth black nitrile for aromatics up to a maximum of 40%. For 100% aromatics Viton® is available.
Reinforcement:	Single ply breaker fabric to reinforce the lining with multiple plies of synthetic cord fabric surrounding a fully rubber embedded and encapsulated high tensile steel wire helix. As standard hose is electrically continuous through multiple copper coated steel wires secured to the end fittings, unless otherwise stated.
Cover:	Smooth black neoprene resistant to oil, weathering and abrasion. A single ply of heavy gauge breaker fabric between the cover and main carcass bonds them securely together. For submarine duty a double cover and galvanised fittings are supplied as standard.
End Terminations:	Hose is generally supplied assembled with built in vulcanised carbon steel nipples with slip-on welded or welded neck flanges as required. Alternatively swaged full bore fittings are available as are other fitting types in a range of metals alloys and finishes/coatings.

TYPE	BORE SIZE RANGE (ALL TYPES)	PRESSURE (POSITIVE)	SAFETY FACTOR (MINIMUM)	VACUUM (NEGATIVE)	BEND RADIUS (WHEN PRESSURISED)	MANDREL LENGTHS
A600	51mm, 76mm, 102mm, 127mm,	7 bar	6:1	0.85 bar	As per EN 1765:2004	Up to and including 305mm bore = 20m Larger bore sizes = 12m
A601	152mm, 178mm, 203mm, 254mm,	10 bar				
A602	305mm, 356mm, 406mm, 457mm, 508mm	15 bar				

Temperature range: -20°C to + 82°C. All assemblies are proof pressure tested to 1.5 x working pressure.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Bulkstream

BULKSTREAM A600SW Series Oil Delivery Hose

'Soft wall' smooth cover and bore suction & delivery hose, without helical supporting wire.

Construction to BS EN 1765:2004 (formerly BS 1435: Part 1:1987) Types L10 & L15.

Application:	Conveying a wide range of petroleum products, including crude oils and other liquid petroleum products in medium and heavy duty oil loading and un-loading duties on dockside, ship to shore or ship to ship.
Liner:	Smooth black nitrile for aromatics up to a maximum of 40%. For 100% aromatics Viton® is available.
Reinforcement:	Single ply breaker fabric to reinforce the lining with multiple plies of synthetic cord fabric. As standard hose is electrically continuous through multiple copper coated steel wires secured to the end fittings, unless otherwise stated.
Cover:	Smooth black neoprene resistant to oil, weathering and abrasion. A single ply of heavy gauge breaker fabric between the cover and main carcass bonds them securely together.
End Terminations:	Hose is generally supplied assembled with built in/vulcanised carbon steel nipples with slip-on welded or welded neck flanges as required. Alternatively swaged full bore fittings are available as are other fitting types in a range of metals alloys and finishes/coatings.

TYPE	BORE SIZE RANGE (ALL TYPES)	PRESSURE (POSITIVE)	SAFETY FACTOR (MINIMUM)	BEND RADIUS (WHEN PRESSURISED)	MANDREL LENGTHS
A611	51mm, 76mm, 102mm, 127mm, 152mm, 178mm, 203mm, 254mm, 305mm	10 bar	6:1	6 x bore	Up to and including 305mm bore = 20m
A612		15 bar			

Temperature range: -20°C to + 82°C. All assemblies are proof pressure tested to 1.5 x working pressure.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Rubber & Polymer Types

COMMON NAME	ASTM DESIGNATION	COMPOSITION	GENERAL PURPOSE
Neoprene	CR	Chloroprene	Good weathering resistance. Flame retarding. Good resistance to petroleum based fluids. Good physical properties.
Natural Rubber	NR	Isoprene natural	Excellent physical properties including abrasion and low temperature resistance. Poor resistance to petroleum based fluids.
Polyisoprene	IR	Isoprene synthetic	Excellent physical properties including abrasion and low temperature resistance. Poor resistance to petroleum based fluids.
Butyl	IIR	Isobutylene/ isoprene	Very good weathering resistance. Low permeability to air. Good physical properties. Poor resistance to petroleum based fluids.
Chlorobutyl	CIIR	Cloro-isobutene- isoprene	Very good weathering resistance. Low permeability to air. Good physical properties. Poor resistance to petroleum based fluids.
Nitrile	NBR	Nitrile butadiene	Excellent resistance to petroleum based fluids. Moderate resistance to aromatics. Good physical properties.
SBR	SBR	Styrene butadiene	Good physical properties including abrasion resistance. Poor resistance to petroleum based fluids.
Hypalon®	CSM	Chlorosulphonated polyethylene	Excellent ozone, weathering and acid resistance. Good heat and abrasion resistance. Fair resistance to petroleum based fluids.
Ethylene Propylene Rubber	EPDM	Ethylene- propylene-diene- terpolymer	Excellent ozone, chemical, heat and ageing characteristics. Poor resistance to petroleum based fluids.
Viton®	FKM	Fluoroelastomer	Excellent resistance to heat and aggressive fuels. Depending on grade also has excellent resistance to chemicals and good mechanical properties.
XLP	XLPE	Cross linked polyethylene	Extremely good resistance to chemicals. Temperature limitations.
UPE	UHMWPE	Ultra high molecular weight polyethylene	Extremely good resistance to chemicals. Suitable for use with edible produce. Temperature limitations.
Water Research Council Approved EPDM	WRCA	Ethylene propylene diene terpolymer	Material approved by the Water Research Council as fit for purpose in transferring potable water. Cadmium and silicone free, no odour or taint and will not support microbiological growth.

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Methods of Attachment, Depending on Pressure

- Vulcanised and built in
- Swaged (External crimp EC, Internal expansion IX)
- Integral rubber and fabric flanges with steel backing plates
- Beaded ends
- Wired in
- Clamps
- Band-It strapping systems
- Viton® and Hypalon® are registered trademarks or trademarks of E.I. duPont de Nemours and Company or it's affiliates

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



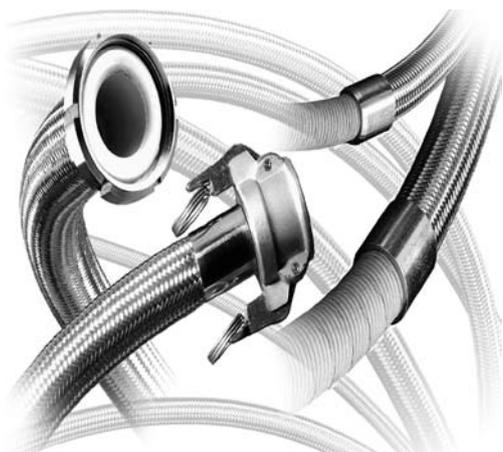
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Hose - Metallic & PTFE

Flexible Convoluted & Smooth Bore PTFE Hose & Hose Assemblies



The Dixon range of smooth and convoluted PTFE hose and hose assemblies are available from 1/4 inch through to 1 inch and 3/8 inch to 4 inch respectively.

San-Flon Hose is available as virgin convoluted or smooth bore PTFE or with a covering. A range of outer coverings including metallic, glass fibre and polymer braid are available. Bounce Ring Protectors and Spiral Guards can be fitted.

All hoses are tested 150 p.s.i air under water and can be supplied with a wide range of certification if required. This must be specified at the time of enquiry or order.

We can also make your specialist requirements such as heat traced and duplex assemblies.

Antistatic liners are available for when electrically resistive fluids are being transferred at high flow rates.

Standard End Connections

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All hoses are tested 150 p.s.i air under water and can be supplied with a wide range of certification if required. Assemblies are available with a wide range of end fittings.

SAN-FLON™ STAINLESS STEEL OVERBRAIDED CONVOLUTED PTFE HOSE

PART NO.	NOM ID		TOLERANCE		WALL THICKNESS		NOM.OD		MIN. BEND		RADIUS		MAX. WORKING PRESSURE		MAX. BURST PRESSURE	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi
CP0.375	7.10	0.280	0.50	0.020	0.76	0.030	12.30	0.484	0.50	0.020	18	0.709	2500	172	7500	517
CP0.5	9.50	0.374	0.60	0.024	0.76	0.030	15.25	0.600	0.60	0.024	20	0.787	2000	138	6000	414
CP0.75	15.88	0.625	0.60	0.024	0.89	0.035	22.10	0.870	0.60	0.024	51	2.008	1200	83	3600	248
CP1	22.35	0.880	0.80	0.031	0.89	0.035	28.70	1.130	0.80	0.031	76	2.992	830	57	2500	172

Note: Polymer braid pressure ratings on application. Anti-Static PTFE hose assemblies also available.

SAN-FLON™ STAINLESS STEEL OVERBRAIDED SMOOTH BORE PTFE HOSE

PART NO.	NOM ID		TOLERANCE		WALL THICKNESS		NOM.OD		MIN. BEND		RADIUS		MAX. WORKING PRESSURE		MAX. BURST PRESSURE	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi
SBP0.25	6.22	0.245	0.40	0.016	0.64	0.025	8.64	0.340	.060	0.024	76	2.992	3495	241	10498	724
SBP0.375	8.94	0.352	0.40	0.016	0.64	0.025	13.21	0.520	0.60	0.024	127	5.000	3176	219	9498	655
SBP0.5	12.37	0.487	0.40	0.016	0.76	0.030	15.40	0.606	0.60	0.024	140	5.512	2335	161	7004	483
SBP0.75	18.90	0.744	0.60	0.024	0.89	0.035	22.10	0.870	0.85	0.033	203	7.992	1653	114	5003	345
SBP1	25.40	1.000	0.80	0.031	1.10	0.043	29.75	1.171	1.20	0.047	305	12.008	1001	69	3002	207

Note: Polymer braid pressure ratings on application. Anti-Static PTFE hose assemblies also available.

LARGER BORE SIZES AVAILABLE

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Hose - Metallic & PTFE

Adflex Metal Hose



Description: Corrugated flexible metal hose assembly meeting the requirements of class 1 of the EN ISO 10380 standard.

Corrugated hose: AISI: 321 DIN: 1.4541 EN: X6 Cr Ni Ti 18-10,
 AISI: 316L DIN: 1.4404 EN: X2 Cr Ni Mo 17-12-2

Braid: AISI: 304 DIN: 1.4031 EN: X5 Cr Ni 18-10

ADFLEX FLEXIBLE METALLIC HOSE						
NOM. ID	MAX. O.D. (MM)		DYNAMIC BEND RADIUS (MM)	STATIC BEND RADIUS (MM)	WORKING PRESSURE (BAR)	
	WITHOUT BRAID	WITH ONE BRAID			WITHOUT BRAID	WITH ONE BRAID
DN 6	12.2	13.4	100	25	4	100
DN 10	15.8	17.0	150	40	4	90
DN 12	17.5	18.7	200	50	3	80
DN 15	22.0	23.2	200	50	2	64
DN 20	26.3	27.5	200	70	2	64
DN 25	33.8	35.3	200	90	2	50
DN 32	42.0	43.6	250	110	1.5	40
DN 40	51.6	53.2	250	130	1.5	30
DN 50	61.7	63.3	350	175	1	28
DN 65	77.0	79.0	410	200	1	24
DN 80	91.0	93.0	450	205	1	18
DN 100	117.5	119.5	560	230	0.8	16
DN 125	149.0	151.0	660	280	0.6	12
DN 150	178.0	180.0	815	320	0.6	10
DN 200	228.0	230.4	1015	435	0.5	8
DN 250	278.0	280.4	1220	560	0.5	6
DN 300	333.0	335.8	1420	660	0.3	5



Dimensions ID/OD Tolerance +/- 1.0mm

De-rating factors may apply for elevated temperature applications

Due to the continuous development of the products contained herein, dimensions are subject to change without prior notice.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Metallic & PTFE

Suparflex Metallic Hose

Description: Parnor corrugated flexible metal hose assembly with close pitch annular corrugations, obtained by hydroforming Flexible hose meeting the requirement of the class 1 of the EN-ISO-10380 standard

Corrugated hose: AISI: 316L DIN: 1.4404 EN: X2 Cr Ni Mo 17-12-2

AISI: 321 DIN: 1.4541 EN: X6 Cr Ni Ti 18-10

Braid: AISI: 304 DIN: 1.4031 EN: X5 Cr Ni 18-10

SUPARFLEX FLEXIBLE METALLIC HOSE

NOM. ID	MAX. O.D. (MM)		DYNAMIC BEND RADIUS	STATIC BEND RADIUS	WORKING PRESSURE (BAR)	
	WITHOUT BRAID	WITH ONE BRAID	(MM)	(MM)	WITHOUT BRAID	WITH ONE BRAID
DN 6	9.8	11.4	110	23	18	140
DN 10	16.2	17.8	150	32	10	100
DN 12	18.6	20.2	165	39	12	80
DN 20	28.3	29.9	225	60	4.3	50
DN 25	34.8	36.4	260	73	3	40
DN 32	43.4	45.4	300	90	3.3	40
DN 40	52.4	54.4	340	115	2.2	32
DN 50	64.8	67.3	390	140	2.1	32
DN 65	80.9	83.4	460	175	1.3	25
DN 80	99.6	102.6	660	240	1.4	23
DN 100	126.5	129.5	750	290	0.5	15
DN 125	152.0	155.0	1000	340	0.4	13
DN 150	174.0	177.0	1250	390	0.3	11

Dimensions ID/OD Tolerance +/- 1.0mm

De-rating factors may apply for elevated temperature applications

Due to the continuous development of the products contained herein, dimensions are subject to change without prior notice.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Hose - Metallic & PTFE

Hyparflex Metallic Hose

Description: Parrap corrugated flexible metal hose assembly with close pitch annular corrugations, obtained by hydroforming Flexible hose meeting the requirement of the class 1 of the EN-ISO-10380 standard

Corrugated hose: AISI: 316L DIN: 1.4404 EN: X2 Cr Ni Mo 17-12-2

AISI: 321 DIN: 1.4541 EN: X6 Cr Ni Ti 18-10

Braid: AISI: 304 DIN: 1.4301 EN: X5 Cr Ni 18-10

HYPARFLEX FLEXIBLE METALLIC HOSE						
NOM. ID	MAX. O.D. (MM)		DYNAMIC BEND RADIUS	STATIC BEND RADIUS	WORKING PRESSURE (BAR)	
	WITHOUT BRAID	WITH ONE BRAID	(MM)	(MM)	WITHOUT BRAID	WITH ONE BRAID
DN 6	9.8	11.4	110	20	18	150
DN 10	16.2	17.8	150	20	6	115
DN 12	18.6	20.2	124	25	6	80
DN 20	28.3	29.9	169	38	2.2	55
DN 25	34.8	36.4	195	45	1.8	40
DN 32	43.4	45.4	225	58	1.6	40
DN 40	52.4	54.4	225	70	1.2	32
DN 50	64.8	67.3	293	85	1	32
DN 65	80.9	83.4	345	105	0.5	25
DN 80	99.6	102.6	495	180	0.7	23
DN 100	126.5	129.5	563	218	0.4	15
DN 125	152.0	155.0	1000	255	0.25	13
DN 150	174.0	177.0	1250	290	0.2	11

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Dimensions ID/OD Tolerance +/- 1.0mm

De-rating factors may apply for elevated temperature applications

Due to the continuous development of the products contained herein, dimensions are subject to change without prior notice.

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Hose - Metallic & PTFE

HP/THP Metallic Hose

Description: Corrugated flexible hose assembly, high pressure (HP-1 Braid) and very high pressure (TH-2 Braids) with close pitch annular corrugations, obtained by hydroforming. Flexible hose meeting the requirement of the class 1 of the EN-ISO-10380 standard

Corrugated hose: AISI: 316L DIN: 1.4404 EN: X2 Cr Ni Mo 17-12-2

AISI: 321 DIN: 1.4541 EN: X6 Cr Ni Ti 18-10

Braid: AISI: 304 DIN: 1.4031 EN: X5 Cr Ni 18-10

HP/THP FLEXIBLE METALLIC HOSE

NOM. ID	MAX. O.D. (MM)		DYNAMIC BEND RADIUS	STATIC BEND RADIUS	WORKING PRESSURE (BAR)	
	WITHOUT BRAID	WITH ONE BRAID	(MM)	(MM)	WITHOUT BRAID	WITH ONE BRAID
DN 6	11.4	13	110	25	180	255
DN 10	17.8	19.4	150	38	145	195
DN 12	20.2	21.8	165	45	140	185
DN 20	29.1	30.7	225	70	85	125
DN 25	38.0	40.0	260	85	78	124
DN 32	46.5	49.0	300	105	65	90
DN 40	54.9	57.4	340	130	61	90
DN 50	67.3	69.8	390	160	55	78
DN 100	129.5	132.5	750	290	24	45

Dimensions ID/OD Tolerance +/- 1.0mm

De-rating factors may apply for elevated temperature applications

Due to the continuous development of the products contained herein, dimensions are subject to change without prior notice.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Hose - Specialty High Pressure, High Temperature & Armoured

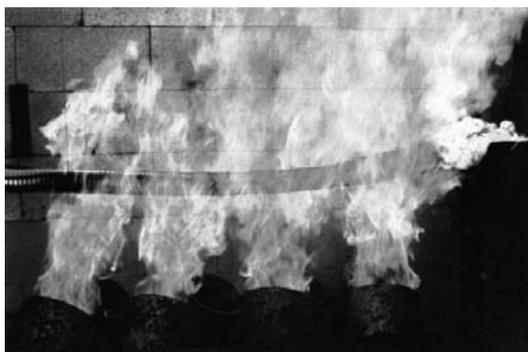
For nearly a century, GSM hose has been the product by which all other flexible armoured hoses are measured. Whether carrying 22,000 SCFM of pure oxygen in an environment of extreme heat and pressure during the production of steel, or protecting a high pressure, rotary hose on a drilling rig, GSM remains the best choice for durability, safety and efficiency. Dixon Specialty Hose can assist in the careful selection of the correct GSM product to meet the rigors of nearly any hose application. Manufactured in Chestertown, MD in sizes ranging from ¼” through 10” bore and lengths to 100 ft., GSM protects internal hoses of rubber, all stainless steel or even PTFE. Each assembly is wrapped with multiple layers of insulation, resistant to 538°C, and then topped with the unique GSM Ball Joint Armour of either carbon steel or stainless steel.

GSM’s distinctive half round ball joint design allows for multiple plane movements, and is virtually impossible to kink, creating the most forgiving flexible hose product available. All finished hoses are assembled by expertly trained factory professionals. Dixon Specialty Hose can couple, test, clean and certify to a multitude of special requirements. All hose assemblies are closely inspected, measured and verified for the intended service prior to crating and shipment.

GSM Hose Design and Critical Risk Factors

GSM hose not flexed

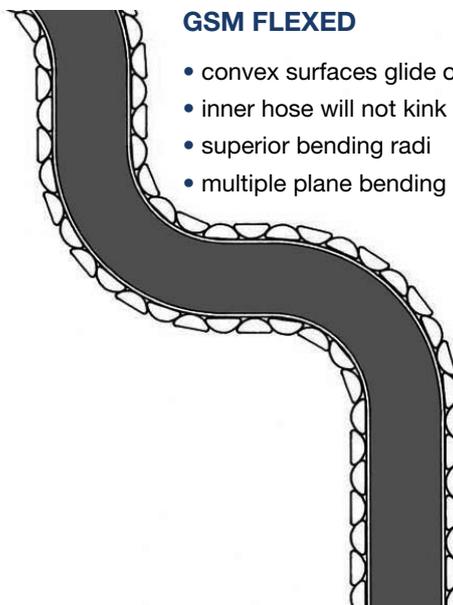
- dual half oval spirals
- galvanised steel/aluminium
- ball-joint, overlapping surfaces
- no interlocking or corrugations to inhibit flexing



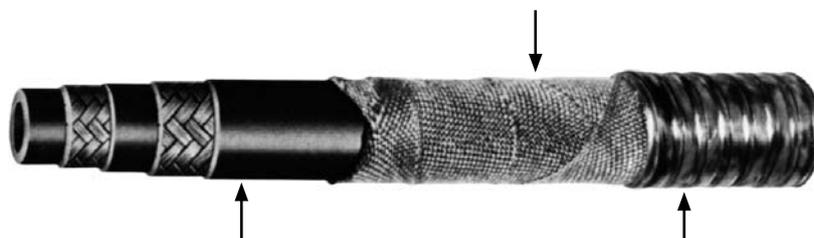
BOP hose tested at 1093°C, 2,000,000 BTU's at 5,000 PSIWP.

GSM FLEXED

- convex surfaces glide over each other
- inner hose will not kink or collapse
- superior bending radii
- multiple plane bending permitted



Insulation, composed of various layers, protects the assembly from external heat.



Inner hose is designed for material to be handled: steam, water, oxygen, chemicals, hydraulic fluids, etc. Tube is compatible with the medium being transferred.

Ball-joint armour of galvanised, stainless steel or aluminium offers resistance to external abuse, kinking and heat.

Working pressure of hose will be designed to meet application.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



Hose - Specialty High Pressure, High Temperature & Armoured

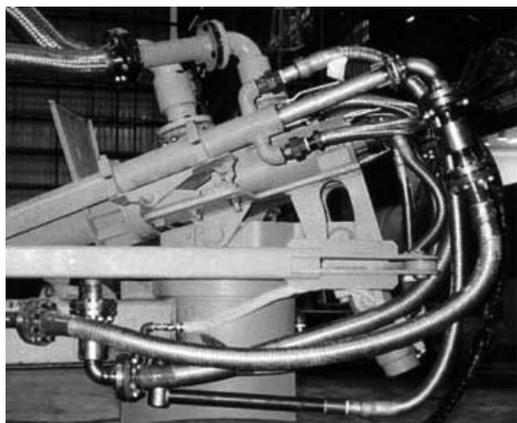
Water Hose

Application:	Water cooling applications and the transfer of water involving heat and external abrasion.
Specification:	350E.
Temperature:	Temperature rate depends on the specific application.
Tube:	$\frac{3}{8}$ " - 3" = nitrile blend / 4" - 10" SBR.
Reinforcement:	Combination of textile and metal reinforcement, 4" and above have metal helical wire.
Cover:	$\frac{3}{8}$ " - 3" = neoprene / 4" - 10" SBR.
Special Features:	Heat resistant insulation to 538°C and GSM Ball Joint Armour available in galvanised steel or stainless steel.



Oxygen Hose

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Application:	Oxygen service where heat and external abrasion are present.
Specification:	256E.
Temperature:	Temperature rate depends on the specific application.
Tube:	Neoprene.
Reinforcement:	Combination of textile and metal reinforcement, 4" and above have metal helical wire.
Cover:	Neoprene.
Special Features:	Heat resistant insulation to 538°C and GSM Ball Joint Armour available in galvanised steel or stainless steel.

BOF Oxygen Lance Hose



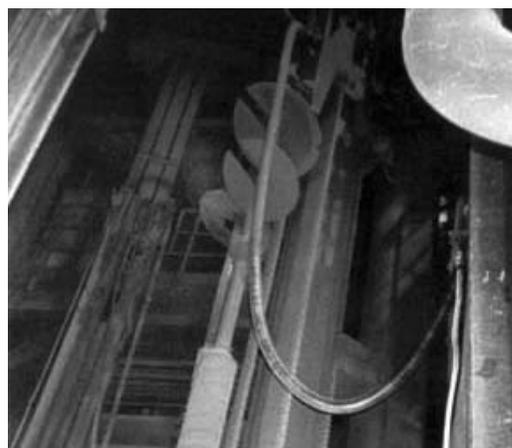
Application:	For the critical transfer of oxygen to the basic oxygen furnace.
Specification:	LW65.
Temperature:	Temperature rate depends on the specific application.
Tube:	Smooth bore-high quality neoprene.
Reinforcement:	Combination of textile and metal reinforcement, 4" and above have metal helical wire.
Cover:	Smooth neoprene.
Special Features:	Heat resistant insulation to 538°C and GSM Ball Joint Armour available in galvanised steel or stainless steel.

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

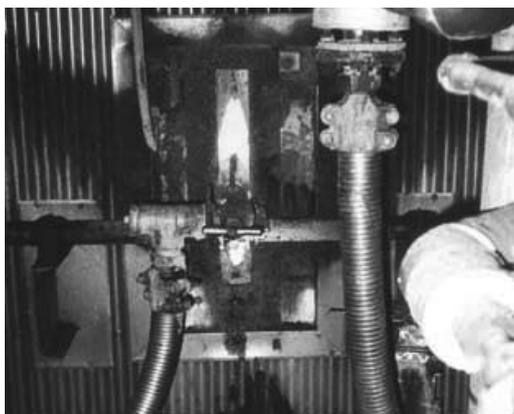
Hose - Specialty High Pressure, High Temperature & Armoured

Natural Gas Hose

Application:	Natural gas systems, oxy-fuel burners. Used in applications to convey natural gas in areas of heat and abrasion.
Specification:	524E.
Temperature:	Temperature rate depends on the specific application.
Tube:	Neoprene.
Reinforcement:	Combination of textile and metal reinforcement, 4" and above have metal helical wire.
Cover:	Smooth neoprene.
Special Features:	Heat resistant insulation to 538°C and GSM Ball Joint Armour available in galvanised steel or stainless steel.



Black Liquor Hose

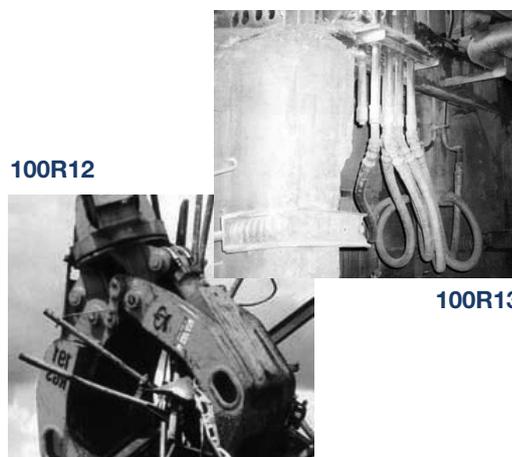


Application:	Black Liquor service used in application to convey Black Liquor in areas of heat and abrasion.
Specification:	800E.
Temperature:	Rating at 232°C. Temperature rate depends on the specific application.
Tube:	Butyl blend.
Reinforcement:	Wire braid.
Cover:	EPDM.
Special Features:	Heat resistant insulation to 538°C and GSM Ball Joint Armour available in galvanised steel or stainless steel.

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Hydraulic 100R12 & 100R13

Application:	Hydraulic service used in application, used in areas of heat and abrasion.
Specification:	100R12XHRGSM.
Temperature:	Temperature rate depends on the specific application.
Tube:	Synthetic rubber.
Reinforcement:	4- wire braid.
Cover:	Synthetic rubber.
Special Features:	Heat resistant insulation to 538°C and GSM Ball Joint Armour available in galvanised steel or stainless steel.



FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION



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Hose - Protection & Fire Jackets

Spiral Guard™ Flame Retardant Hose and Cable Protection



Provides heavy duty hose, cable or wire protection. Used in mining, quarrying, forestry, offshore industries and most hydraulic hose applications.

- Crush and high abrasion resistance
- Chemical and UV ray resistant
- Self-lubricating to reduce hose wear
- Easy to install on-site
- Smooth radius on all edges
- Can be used on single or multiple hose bundles

FLAME RETARDANT PRODUCT

PART NO.	SPIRAL GUARD I.D.*		COIL LENGTH (m)	1 WIRE	2 WIRE	MULTI SPIRAL HOSE
	(inches)	(mm)				
NFSGX16	1/2"	13	20	#4	#4	-
NFSGX20	5/8"	16	20	#6	#4	#6
NFSGX25	3/4"	19	20	#8	#8	#8
NFSGX32	15/16"	24	20	#12	#10	#12
NFSGX40	1 1/4"	32	20	#16	#16	#16
NFSGX50	1 1/2"	38	20	#20	#20	#20
NFSGX63	1 15/16"	49	20	#32	#24	#24
NFSGX75	2 3/8"	60	20	-	#32	#32
NFSGX90	2 5/8"	67	20	-	-	-
NFSGX110	3 3/16"	81	10	-	-	-

- Approved by MSHA 1C-231/1
- Flame retardant and self extinguishing
- Temperature Range: -148°F to 212°F, (-100°C to 100°C)

STANDARD PRODUCT

PART NO.	SPIRAL GUARD I.D.*		COIL LENGTH (m)	1 WIRE	2 WIRE	MULTI SPIRAL HOSE
	(inches)	(mm)				
NFSGX16	1/2"	13	20	#4	#4	-
NFSGX20	5/8"	16	20	#6	#4	#6
NFSGX25	3/4"	19	20	#8	#8	#8
NFSGX32	15/16"	24	20	#12	#10	#12
NFSGX40	1 1/4"	32	20	#16	#16	#16
NFSGX50	1 1/2"	38	20	#20	#20	#20
NFSGX63	1 15/16"	49	20	#32	#24	#24
NFSGX75	2 3/8"	60	20	-	#32	#32
NFSGX90	2 5/8"	67	20	-	-	-
NFSGX110	3 3/16"	81	10	-	-	-

- Not flame retardant
- Temperature Range: -58°F to 194°F, (-50°C to 90°C)

FOR INSTALLATION AND SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

Hose - Protection & Fire Jackets

Fire Jacket for Hose



Provides heavy duty hose, cable or wire protection. Used in mining, quarrying, forestry, offshore industries and most hydraulic hose applications.

- Crush and high abrasion resistance
- Chemical and UV ray resistant
- Self-lubricating to reduce hose wear
- Easy to install on-site
- Smooth radius on all edges
- Can be used on single or multiple hose bundles

FIRE JACKET		
PART NO.	NOMINAL I.D.	
	(inches)	(mm)
0610-4	1/4	6
1010-6	3/8	10
1310-8	1/2	13
1610-10	5/8	16
1910-12	3/4	19
2210-14	7/8	22
2510-16	1	25
3210-20	1 1/4	32
3810-24	1 1/2	38
4510-28	1 3/4	44
5110-32	2	51
6410-40	2 1/5	65
7610-48	3	76
10210-64	4	102

F

Dixon Diameter Tape



- 6' tape for quickly finding the outside diameter of any cylindrical object
- Converts circumference to O.D. at the measured point
- Metal case

DIAMETER TAPE	
PART NO.	
DDT1	

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