

A110 - Dixon Multi-Purpose Mineral Oil Hose 10 Bar



Technical Characteristics	
Application	Low pressure, electrically conductive fuel delivery hose for diesel, heating oils and petroleum including unleaded fuel for use across a variety of industries including automotive sector
Cover	Black smooth extruded, oil, abrasion, ozone and weather resistant NBR/SBR
Branding	DIXON LOGO, A110 MULTI-PURPOSE MINERAL OIL 10 BAR SF 4:1
Reinforcement	High tensile strength textile plies
Lining	Black non-conductive NBR
Temperature	From -40°C to +100°C
Safety Factor	4:1

Sizes					
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
5	12	10	40	40	0.10
6	12	10	40	45	0.15
8	14	10	40	55	0.12
10	17	10	40	60	0.17
13	20	10	40	80	0.24
16	24	10	40	100	0.33
19	28	10	40	120	0.43
25	35	10	40	150	0.62

A125 - Dixon Multi-Purpose Mineral Oil & Air Hose 25 Bar



Technical Characteristics	
Application	Medium pressure, electrically conductive fuel delivery hose for diesel, heating oils and petroleum including unleaded fuel for use across a variety of industries including automotive sector
Cover	Black smooth extruded, oil, abrasion, ozone and weather resistant NBR/SBR
Branding	DIXON LOGO, A125 MULTI-PURPOSE MINERAL OIL AIR 25 BAR 3:1
Reinforcement	High tensile strength textile plies
Lining	Black non-conductive NBR
Temperature	From -40°C to +80°C
Safety Factor	3:1

Sizes					
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
6	14	25	75	40	0.17
8	16	25	75	50	0.19
10	18	25	75	60	0.23
13	21	25	75	80	0.28
16	25	25	75	100	0.38
19	29	25	75	120	0.50
25	36	25	75	150	0.73

All Hose Assemblies compliant with Pressure Equipment Directive 2014/68/EU

We reserve the right to change hose specifications without prior notice

A420 - Dixon Tanker Reeling Hose 17 Bar



Technical Characteristics	
Application	Petroleum tanker delivery hose specifically designed for use on reels. Suitable for oil, diesel, domestic fuels and petrol including unleaded
Cover	Red smooth extruded, oil, abrasion, ozone and weather resistant
Branding	DIXON A420 TANKER REELING HOSE 17 BAR
Reinforcement	2 x high strength textile yarn, 2 x copper braided anti-static wires
Lining	Black smooth NBR, suitable for diesel, domestic fuels including unleaded petrol
Temperature	-20°C to +70°C
Safety Factor	3:1

Sizes					
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
35	49	17	51	210	1.40
38	52	17	51	230	1.60

A430 - Dixon Oil Suction & Delivery Hose 10 Bar



Technical Characteristics	
Application	Used in petrochemical plants and dockyards for handling unleaded fuels and hydraulic oils
Cover	Black mandrel wrap, oil, abrasion, ozone and weather resistant CR/NBR
Branding	DIXON LOGO, A430 OIL S & D 10BAR / 0.93 VAC SF 3:1
Reinforcement	High tensile strength textile plies, twin steel helix and anti-static wires
Lining	Black oil resistant NBR suitable for 50% aromatic hydrocarbons
Temperature	From -35°C to +80°C
Safety Factor	3:1

Sizes					
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
25	35	10	30	178	0.70
32	42	10	30	224	0.80
38	47	10	30	266	0.90
51	62	10	30	357	1.60
63	74	10	30	441	1.90
76	88	10	30	530	2.50
102	114	10	30	714	3.80
152	172	10	30	1064	9.50

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A460 - Dixon Oil Suction & Delivery Hose 20 Bar



Technical Characteristics	
Application	Heavy duty hose used in petrochemical plants and dockyards for handling unleaded fuels and hydraulic oils
Cover	Black mandrel wrap, oil, abrasion, ozone and weather resistant CR
Branding	DIXON LOGO A460 OIL S&D 20 BAR SF 3:1 VAC 0.9 BAR
Reinforcement	High tensile strength textile plies, twin steel helix and anti-static wires
Lining	Black oil resistant NBR suitable for 50% aromatic hydrocarbons
Temperature	From -40°C to +100°C
Safety Factor	3:1

Sizes					
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
51	65	20	60	255	2.08
76	93	20	60	375	3.72
102	123	20	60	510	6.10
152	176	20	60	760	11.02

A400EU - Dixon Oil, Mud & Sea Water Suction & Delivery Hose 20 Bar



Technical Characteristics	
Application	Extra heavy duty hose for arduous applications including tanker loading and unloading, offshore and onshore and petrochemical plants
Cover	Black mandrel wrap, hydrocarbon, mud, sea water, abrasion, ozone and weather resistant CR
Branding	DIXON LOGO, BULKSTREAM A400EU OIL MUD SEA WATER S & D 20 BAR S:F 4:1 VAC 0.9 BAR
Reinforcement	Multi layer high tensile strength textile plies, steel helix wire and antistatic wires
Lining	Black oil, mud, sea water resistant NBR suitable for 50% aromatic hydrocarbons
Temperature	From -30°C to +90°C.
Safety Factor	4:1

Sizes					
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
76	94	20	80	380	3.90
102	126	20	80	510	6.90
152	181	20	80	760	12.80
203	235	20	80	1220	19.30

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A410 - Dixon UHMWPE Chemical Suction & Delivery Hose 10 Bar

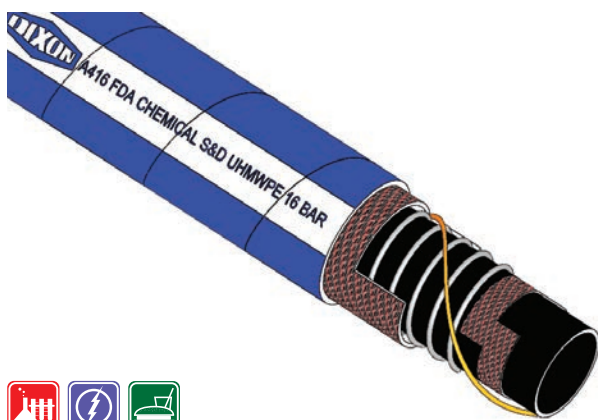


Technical Characteristics	
Application	Used for a wide range of chemicals including acids and alkalines within plants and on road tankers
Cover	Blue EPDM rubber ozone and weather resistant
Branding	DIXON LOGO, A410 Chemical S&D UHMWPE
Reinforcement	High tensile strength textile ply, twin carbon steel wire helix, copper braided anti-static wire
Lining	Ultra High Molecular Weight Polyethylene
Temperature	From -30°C to +100°C (Subject to chemical compatibility), +130°C for intermittent sterilization
Safety Factor	4:1

Sizes

I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
19	31	10	40	125	0.68
25	37	10	40	150	0.85
32	44	10	40	175	1.05
38	51	10	40	225	1.20
51	66	10	40	275	1.78
63	77	10	40	300	2.50
76	92	10	40	350	2.95
102	120	10	40	450	4.11

A416 - Dixon UHMWPE Chemical Suction & Delivery Hose 16 Bar



Technical Characteristics	
Application	FDA approved hose used for a wide range of chemicals including acids and alkaline within plants, on road tankers and water utility industries
Cover	Blue EPDM rubber ozone and weather resistant
Branding	DIXON LOGO, A416 FDA Chemical S&D UHMWPE
Reinforcement	High tensile strength textile ply, twin carbon steel wire helix, copper braided anti-static wire
Lining	Food Quality (FDA Specification) conductive Ultra High Molecular Weight Polyethylene
Temperature	From -30°C to +100°C (Subject to chemical compatibility), +130°C for intermittent sterilization
Safety Factor	3:1

Sizes

I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
19	31	16	48	125	0.68
25	37	16	48	150	0.85
32	44	16	48	175	1.05
38	51	16	48	225	1.20
51	66	16	48	275	1.78
63	77	16	48	300	2.50
76	92	16	48	350	2.95
102	120	16	48	450	4.11

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A901GG - Dixon Oil Composite Hose 14 Bar

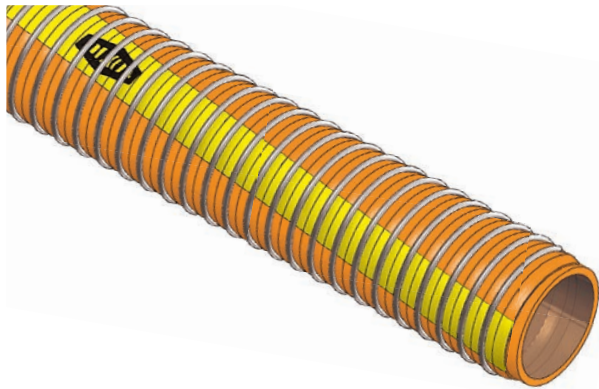


Technical Characteristics	
Application	Highly flexible oil transfer hose for use on road tankers, petrochemical refinery and environmental service applications
Cover	Black weatherproof UV, ozone and abrasion resistant PVC and galvanised carbon steel external wire
Branding	DIXON LOGO DIXOIL TYPE 3 EN13765:2015 14 BAR 80°C
Reinforcement/ Lining	Galvanised carbon steel internal wire, polypropylene, polyethylene & polyester films and polypropylene fabrics
Electrical Resistance	>10 Ohms per metre according to BS5842
Temperature	-30°C TO +80°C
Safety Factor	4:1



Sizes				
Nominal Bore (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
25	14	56	75	0.80
32	14	56	80	1.00
40	14	56	85	1.40
50	14	56	125	2.00
65	14	56	150	2.80
75	14	56	175	3.50
100	14	56	250	4.80

A901AG - Dixon Vapour Recovery Composite Hose 14 Bar



Technical Characteristics	
Application	Highly flexible VRH oil composite hose for use on petrol forecourts and petrochemical refineries
Cover	Orange weatherproof UV, ozone and abrasion resistant PVC and galvanised carbon steel external wire
Branding	DIXON LOGO DIXOIL TYPE 3 EN13765:2015 14 BAR 80°C
Reinforcement/ Lining	Aluminium internal wire, with polypropylene, polyethylene films and fabrics
Electrical Resistance	>10 Ohms per metre according to BS5842
Temperature	-30°C TO +80°C
Safety Factor	4:1



Sizes				
Nominal Bore (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
75	14	56	185	2.10
100	14	56	275	2.90

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A906PG - Dixon Chemical Composite Hose 14 Bar



Technical Characteristics	
Application	Highly flexible hose for petrochemical plants and road tankers
Cover	Grey weatherproof UV, ozone and abrasion resistant PVC and galvanised carbon steel external wire
Branding	DIXON LOGO DIXCHEM TYPE 3 EN13765:2015 14 BAR 80°C
Reinforcement/ Lining	Polypropylene coated galvanised carbon steel internal wire with polypropylene, polyethylene films and fabrics
Electrical Resistance	>10 Ohms per metre according to BS5842
Temperature	-30°C TO +80°C
Safety Factor	4:1

Please Note: Stainless inner and outer wire option available upon request (A906PS)

Sizes				
Nominal Bore (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
25	14	56	75	0.80
32	14	56	80	1.00
40	14	56	85	1.40
50	14	56	125	2.00
65	14	56	150	2.80
75	14	56	175	3.50
100	14	56	250	4.80

A911SG - Dixon PTFE Chemical Composite Hose 14 Bar



Technical Characteristics	
Application	PTFE lined hose designed for use on plant and road tankers with a wide range of aggressive chemicals or foods
Cover	Red weatherproof UV, ozone and abrasion resistant PVC and galvanised carbon steel external wire
Branding	DIXON LOGO PTFE TYPE 3 EN13765:2015 14 BAR 120°C
Reinforcement / Lining	Stainless steel internal wire, PTFE lined with polypropylene, polyethylene films and fabrics
Electrical Resistance	>10 Ohms per metre according to BS5842
Temperature	-30°C TO +120°C
Safety Factor	4:1

Please Note: Stainless inner and outer wire option available upon request (A911SS)

Sizes				
Nominal Bore (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Min Bend Radius (mm)	Weight (Kg/Mtr)
25	14	56	75	0.80
32	14	56	80	1.00
40	14	56	85	1.40
50	14	56	125	2.00
65	14	56	150	2.80
75	14	56	175	3.50
100	14	56	250	4.80

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