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## A101AS-T3 - Dixon Anti-Static Air/Water Hose 20 Bar



Technical Characteristics	
Application	Widely used in offshore oil and gas industries where a spark free environment is crucial
Cover	Black smooth extruded, anti-static, abrasion, oil mist, ozone and weather resistant EPDM
Branding	DIXON A101AS T3 AIR WATER 20 BAR 3:1 BS2878
Reinforcement	High tensile strength textile plies
Lining	Black extruded anti-static, oil mist resistant EPDM
Temperature	From -30°C to +80°C intermittent use up 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)
6	14	20	60	55	0.21
10	17	20	60	75	0.24
13	20.5	20	60	100	0.31
19	29	20	60	120	0.56
25	36	20	60	150	0.70

## A101HP - Dixon Air/Water Hose 20 Bar



Technical Characteristics	
Application	Used in various air and water applications in agriculture, construction, plant & civil engineering
Cover	Black smooth extruded, abrasion, ozone and weather resistant EPDM/SBR
Branding	DIXON A101HP AIR/WATER BS5118/2 & ISO2398 20 BAR SF 3:1
Reinforcement	High tensile strength textile plies
Lining	Black extruded oil mist resistant NR/SBR
Temperature	From -20°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	13	20	60	60	0.18
8	15	20	60	80	0.21
10	17	20	60	100	0.25
13	21	20	60	130	0.35
19	29	20	60	190	0.48
25	36	20	60	250	0.67

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

We reserve the right to change hose specifications without prior notice

## A102HP - Dixon Air/Water Hose 20 Bar



Technical Characteristics	
Application	Used in various air and water applications in agriculture, construction, plant & civil engineering
Cover	Yellow smooth extruded, abrasion, ozone and weather resistant EPDM/SBR
Branding	DIXON A102HP AIR/WATER BS5118/2 & ISO2398 20 BAR SF 3:1
Reinforcement	High tensile strength textile plies
Lining	Black extruded oil mist resistant NR/SBR
Temperature	From -20°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)
13	21	20	60	130	0.35
19	29	20	60	190	0.48
25	36	20	60	250	0.67

## A103HP - Dixon Multi Utility Hose 20 Bar



Technical Characteristics	
Application	Multi-purpose hose used in steel mills, shipyard, foundries, automotive and construction industries. For use in wide range of media including air, water and inert gases
Cover	Blue smooth extruded, oil mist, abrasion, ozone and weather resistant EPDM/SBR
Branding	DIXON A103HP Multi Utility 20 BAR SF 3:1
Reinforcement	High tensile strength textile plies
Lining	Black extruded SBR/NR oil mist resistant
Temperature	From -20°C to +90°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)
19	29	20	60	190	0.65
25	36	20	60	250	0.88

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## A105HP - DIXON Multi Utility Hose 20 Bar



Technical Characteristics	
Application	Multi-purpose hose used in steel mills, shipyard, foundries, automotive and construction industries. For use in wide range of media including air, water and inert gases
Cover	Green smooth extruded, oil mist, abrasion, ozone and weather resistant EPDM/SBR
Branding	DIXON A105HP Multi Utility 20 BAR SF 3:1
Reinforcement	High tensile strength textile plies
Lining	Black extruded SBR/NR oil mist resistant
Temperature	From -20°C to +90°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)
19	29	20	60	190	0.65
25	36	20	60	250	0.88

## A116EU100 - Dixon High Temperature Air Hose 40 Bar



Technical Characteristics	
Application	Robust heavy duty high pressure air hose for quarry, mining and construction industries
Cover	Yellow pin pricked, mandrel wrap, ozone, oil mist and weather resistant EPDM
Branding	DIXON LOGO A116EU100 AIR 40 BAR S:F 3:1 TEMP 100°C
Reinforcement	High tensile strength steel wire plies
Lining	Black SBR oil mist resistant
Temperature	From -30°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	40	120	510	1.97
76	95	40	120	760	4.33
102	121	40	120	1020	5.65

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## A190 - Dixon Air/Water Hose 20 Bar



Technical Characteristics	
Application	Robust mandrel built hose for arduous applications in mining and construction
Cover	Black mandrel wrap, abrasion, ozone and weather resistant SBR
Branding	DIXON LOGO, A190 AIR WATER EN 2398 2008 - 20 BAR - SF 3:1
Reinforcement	High tensile strength textile plies
Lining	Black SBR oil mist resistant
Temperature	From -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)
13	23	20	60	91	0.40
19	30	20	60	133	0.60
25	37	20	60	175	0.70
32	46	20	60	224	1.30
38	52	20	60	266	1.50
51	65	20	60	357	1.90
76	92	20	60	532	3.20

## A190Y - Dixon Air/Water Hose 20 Bar



Technical Characteristics	
Application	Robust mandrel built hose for arduous applications in mining and construction
Cover	Yellow mandrel wrap, abrasion, ozone and weather resistant SBR
Branding	DIXON LOGO, A190 AIR WATER EN 2398 2008 - 20 BAR - SF 3:1
Reinforcement	High tensile strength textile plies
Lining	Black SBR oil mist resistant
Temperature	From -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)
13	23	20	60	91	0.40
19	30	20	60	133	0.60
25	37	20	60	175	0.70
32	46	20	60	224	1.30
38	52	20	60	266	1.50
51	65	20	60	357	1.90
76	92	20	60	532	3.20

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## A210 - Dixon Water Suction & Delivery Hose 10 Bar



Technical Characteristics	
Application	Industrial hose for water and mild abrasives. For use in construction and civil engineering
Cover	Black mandrel wrap, ozone and weather resistant SBR
Branding	DIXON LOGO, A210 WATER S&D 10 BAR/700mmHg SF 3:1
Reinforcement	High tensile strength textile plies, carbon wire helix
Lining	Black SBR
Temperature	From -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)
25	35	10	30	150	0.80
32	43	10	30	190	1.00
38	47	10	30	266	1.00
51	62	10	30	357	1.80
63	74	10	30	441	2.20
76	87	10	30	532	2.80
102	114	10	30	714	4.30
152	169	10	30	1064	9.50

## A216 - Dixon Water Suction & Delivery Hose 16 Bar



Technical Characteristics	
Application	Industrial hose for water and mild abrasives. For use in construction and civil engineering
Cover	Black mandrel wrap, abrasion, ozone and weather resistant SBR
Branding	DIXON LOGO A216 WATER S&D 16 BAR SF 3:1 BAR
Reinforcement	High tensile strength textile plies, double helix
Lining	Black SBR
Temperature	From -35°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)
51	66	16	48	200	2.23
76	91	16	48	350	3.22
102	120	16	48	500	4.80
127	145	16	48	600	5.54
152	174	16	48	800	9.02
203	225	16	48	1100	12.61

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## DELVAC - PVC Suction & Delivery Hose



Technical Characteristics	
Application	Low pressure generic hose for water and dilute chemicals. For use in agriculture, construction and water utility industries
Construction	Transparent Green PVC according to EU10/2011
Branding	DIXON DELVAC
Reinforcement	PVC spiral helix
Temperature	-10°C TO +55°C
Safety Factor	3:1

Sizes						
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Vacuum	Min Bend Radius (mm)	Weight (Kg/Mtr)
19	25	8	24	0.7	86	0.28
25	32	6.5	19.5	0.7	114	0.33
32	39	5.5	16.5	0.7	143	0.46
38	45	4.5	13.5	0.7	171	0.55
51	60	4.5	13.5	0.7	230	0.81

## IRRIBULK - PVC Suction & Delivery Hose



Technical Characteristics	
Application	Medium Duty hose for water, slurry, abrasives and chemicals. For use in agriculture, construction and civil engineering industries
Construction	Olive Green PVC according to EU10/2011
Branding	DIXON IRRIBULK M
Reinforcement	PVC spiral helix
Temperature	-10°C TO +55°C
Safety Factor	3:1

Sizes						
I.D (mm)	O.D (mm)	Max Working Pressure (Bar)	Min Burst Pressure (Bar)	Vacuum	Min Bend Radius (mm)	Weight (Kg/Mtr)
25	32	8	24	0.78	57	0.36
32	39	7	21	0.78	72	0.46
38	46	6.3	19	0.78	86	0.57
51	60	5.3	16	0.78	114	0.83
63	73	5	15	0.78	143	1.05
76	86	4.3	13	0.78	171	1.47
102	113	4	12	0.78	284	2.17
152	166	3.3	10	0.6	401	4.22

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