







EXTREME TEMPERATURE HOSE

													
HOSE SIZE		R.O.D.		O.D.		MAX W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT	
DN	Inch	mm	Inch	mm	Inch	bar	psi	bar	psi	mm	Inch	g/m	lb/ft
6	1/4	11.0	0.43	13.4	0.53	225	3260	1000	14500	100	3.94	240	0.16
8	5/16	12.6	0.50	15.0	0.59	215	3110	900	13050	114	4.49	280	0.19
10	3/8	15.0	0.59	17.3	0.68	180	2610	800	11600	127	5.00	340	0.23
12	1/2	18.1	0.71	20.5	0.81	160	2320	680	9860	178	7.01	435	0.29
16	5/8	21.3	0.84	23.5	0.93	130	1880	600	8700	200	7.87	505	0.34
19	3/4	25.2	0.99	27.7	1.09	105	1520	500	7250	240	9.45	645	0.43
25	1	33.1	1.30	35.8	1.41	88	1270	360	5220	300	11.81	980	0.66
31	1.1/4	40.6	1.60	43.5	1.71	65	940	345	5000	420	16.54	1305	0.87
38	1.1/2	46.9	1.85	50.0	1.97	50	720	290	4200	500	19.69	1550	1.04
51	2	60.4	2.38	63.1	2.48	40	580	250	3620	630	24.80	2250	1.51

CONTINUOUS SERVICE TEMPERATURE RANGE : -67°F / +212°F, -55°C / +100°C

MAX OPERATING TEMPERATURE : (Intermittent Service) 275°F 135°C

RECOMMENDED FLUIDS : Mineral oils, glycol and polyglycols, transmission fluids, air with oil vapours, mineral oils in aqueous emulsion (up to 212°F 100°C)

TUBE : Oil resistant synthetic rubber.







REINFORCEMENT : One high tensile steel braids

COVER : Blue synthetic rubber with high ozone, weather and heat resistance. MSHA approval

APPLICABLE SPECS. : Exceed EN 853 1SN -SAE 100 R1AT - ISO 1436-1 1SN/R1AT.

BLACK SNAKE HOSE

Exceeds BS EN : 1360 Type 3

												
NOMINAL I.D.		MEAN O.D.		WORKING PRESSURE			MIN. BURST PRESSURE			Packing Specs. Length in Metres		Service Temp. Range
mm	Inch	mm	Inch	Kg/Cm ²	Mpa	psi	Kg/Cm ²	Mpa	psi	Min Lgth.	Max Lgth.	Centigrade
19.00	3/4	28.70	1.13	17.00	1.70	250.00	51.70	84.00	1200	5	40.50	-40°C to +100°C
25.40	1	35.00	1.37	17.00	1.70	250.00	51.70					
16.00	5/8	25.40	1.00	17.00	1.70	250.00	51.70					
38.00	1½	49.80	1.96	17.00	1.70	250.00	51.70					
19.00	3/4blue	28.70	1.13	17.00	1.70	250.00	51.70					
25.40	1 blue	35.00	1.37	17.00	1.70	250.00	51.70					
19.00	3/4green	28.70	1.13	17.00	1.70	250.00	51.70					
25.40	1green	35.00	1.37	17.00	1.70	250.00	51.70					
19.00	3/4red	28.70	1.13	17.00	1.70	250.00	51.70					
19.00	3/4yellow	28.70	1.13	17.00	1.70	250.00	51.70					

TUBE : Black, oil-resistant synthetic rubber (Nitrile).

REINFORCEMENT : Two braids of high tensile steel wire.

COVER : Black, oil, abrasion and flame resistant synthetic rubber (Modified Nitrile).

APPLICATION : High pressure hydraulic lines in longwall mining equipment and roof-support system/petroleum based or water emulsion fluids.