



HOSEFLEX

HYDRAULIC HOSE



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2SN / 2 PLY HYDRAULIC HOSE



KEY FEATURES:

- SUPERIOR ABRASION RESISTANCE
- HIGH OZONE AND WEATHER RESISTANCE
- FLAME RESISTANCE TO A WIDE RANGE OF SPECS.
- ANTISTATIC AND ANTI-TOXIC COVER

APPLICATIONS & FLUIDS:

- LOW-MEDIUM PRESSURE LINES, RETURN LINES, IN SEVERE ENVIRONMENTAL CONDITIONS, SPECIFIC INSTALLATIONS WITH TOUGH ABRASION CONDITIONS, MARINE APPLICATIONS, UNDERGROUND AND OPEN PIT MINING
- MINERAL OILS, VEGETABLE AND RAPE SEED OILS, GLYCOL AND POLYGLYCOL BASED OILS, SYNTHETIC ESTER BASED OILS, OILS IN AQUEOUS EMULSION, WATER

TUBE:

OIL-RESISTANT SYNTHETIC RUBBER

REINFORCEMENT:

TWO HIGH TENSILE STEEL BRAID

HOSE COVER:

SYNTHETIC RUBBER WITH HIGH ABRASION, OZONE, WEATHER, AND HEAT RESISTANCE

APPLICABLE SPECS:

EN 853 2SN; SAE 100 R2AT; ISO 1436 2SN / R2AT

CONTINUOUS SERVICE TEMPERATURE RANGE:

-40 °C (-40 °F) TO 100 °C (212 °F)

DN	Dash	Inch (Hose Size)	R.O.D mm	R.O.D inch	O.D mm	O.D inch	Max W.P bar	Max W.P psi	Burst bar	Burst psi	Min Bend mm	Min Bend inch	Weight g/m	Weight lb/ft
6	-4	1/4"	12.7	0.5	14.7	0.58	400	5800	1750	25380	50	1.97	365	0.25
8	-5	5/16"	14.3	0.56	16.3	0.64	350	5070	1480	21460	60	2.36	405	0.27
10	-6	3/8"	16.7	0.66	18.7	0.74	350	5070	1400	20300	70	2.76	530	0.36
12	-8	1/2"	19.8	0.78	21.8	0.86	350	5070	1400	20300	89	3.5	650	0.44
16	-10	5/8"	23	0.91	25	0.98	250	3620	1020	14790	100	3.94	720	0.48
19	-12	3/4"	27	1.06	29	1.14	215	3110	900	13050	130	5.12	930	0.62
25	-16	1"	34.8	1.37	36.8	1.45	175	2530	670	9710	160	6.3	1290	0.87
31	-20	1-1/4"	44.3	1.74	47	1.85	140	2030	600	8700	419	16.5	1930	1.3
38	-24	1-1/2"	50.7	2	53.4	2.1	100	1450	500	7250	500	19.69	2262	1.52
51	-32	2"	63.5	2.5	66.2	2.61	90	1300	420	6090	630	24.8	2880	1.94
60	-38	2-3/8"	68.8	2.71	71.5	2.81	90	1300	360	5220	650	25.59	3090	2.08