



HOSEFLEX

HYDRAULIC HOSE



1SN / 1 PLY HYDRAULIC HOSE



HOSE FEATURES:

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

HOSE APPLICATIONS:

- 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

HOSE CONTINUOUS SERVICE TEMPERATURE RANGE:

-40 °C (-40 °F) TO 100 °C (212 °F)

HOSE IN-TUBE:

OIL-RESISTANT SYNTHETIC RUBBER

HOSE REINFORCEMENT:

ONE HIGH TENSILE STEEL BRAID

HOSE COVER:

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

HOSE APPLICABLE SPECS:

EN 853 1SN; SAE 100 R1AT; ISO 1436 1SN / R1AT

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"	11	0.43	13.00	0.51	225	3260	1000	14500	100	3.94	215	0.14
8	-5	5/16"	12.6	0.50	14.60	0.57	215	3110	950	13770	114	4.49	260	0.17
10	-6	3/8"	15	0.59	17.00	0.67	180	2610	800	11600	127	5.00	320	0.22
12	-8	1/2"	18.1	0.71	20.10	0.79	160	2320	680	9860	178	7.01	400	0.27
16	-10	5/8"	21.3	0.84	23.30	0.92	130	1880	600	8700	200	7.87	480	0.32
19	-12	3/4"	25.3	1.00	27.30	1.07	105	1520	500	7250	240	9.45	600	0.4
25	-16	1"	33.1	1.30	35.10	1.38	90	1300	360	5220	300	11.81	910	0.61
31	-20	1-1/4"	40.6	1.60	43.30	1.70	65	940	260	3770	419	16.50	1243	0.84
38	-24	1-1/2"	47	1.85	49.70	1.96	50	720	260	3770	500	19.69	1450	0.97
51	-32	2"	60.4	2.38	63.10	2.48	40	580	250	3620	630	24.8	2050	1.38
60	-38	2-3/8"	68.8	2.71	71.50	2.81	50	720	200	2900	650	25.59	2190	1.47

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