



HOSEFLEX

HYDRAULIC HOSE



R13 / 4 & 6 PLY HYDRAULIC HOSE



KEY FEATURES:

- VALIDATED FOR HIGH FATIGUE RESISTANCE
- SUPERIOR ABRASION RESISTANCE
- HIGH OZONE AND WEATHER RESISTANCE
- FLAME RESISTANCE TO A WIDE RANGE OF SPECS.
- ANTISTATIC AND ANTI-TOXIC COVER
- UPGRADED TEMPERATURE RESISTANCE
- BIO BIOLOGICAL AND MINERAL OILS COMPATIBILITY

APPLICATIONS & FLUIDS:

- HYDRAULICS: VERY HIGH PRESSURE POWER LINES IN SEVERE ENVIRONMENTAL CONDITIONS, SPECIFIC INSTALLATIONS WITH TOUGH ABRASION CONDITIONS, MARINE APPLICATIONS, UNDERGROUND AND OPEN PIT MINING
- MINERAL OILS, VEGETABLE OILS AND SYNTHETIC ESTER BASED OILS (UP TO 100°C/212°F), GLYCOLS AND POLYGLYCOLS, MINERAL OILS IN AQUEOUS EMULSION, WATER

CONTINUOUS SERVICE TEMPERATURE RANGE:

-40 °C (-40 °F) TO 121 °C (250 °F)

TUBE:

OIL-RESISTANT SYNTHETIC RUBBER

REINFORCEMENT:

FOUR HIGH TENSILE STEEL SPIRALS (DN 6-25). SIX HIGH TENSILE STEEL SPIRALS (DN 31-51)

HOSE COVER:

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

APPLICABLE SPECS:

EN 856 R13; SAE 100 R13; ISO 3862 R13

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"	14.6	0.57	17.6	0.69	690	10,000	3,250	47,130	120	4.72	660	0.44
10	-6	3/8"	17.4	0.69	20.4	0.8	690	10,000	2,900	42,060	150	5.91	830	0.56
12	-8	1/2"	21.5	0.85	24.5	0.96	620	8,990	2,500	36,250	200	7.87	1,140	0.77
19	-12	3/4"	29	1.14	31.8	1.25	350	5,070	1,950	28,280	240	9.45	1,630	1.1
25	-16	1"	36	1.42	39.2	1.54	350	5,070	1,650	23,930	300	11.81	2,190	1.47
31	-20	1-1/4"	47	1.85	50	1.97	350	5,070	1,500	21,750	420	16.54	3,600	2.42
38	-24	1-1/2"	54.6	2.15	57.5	2.26	350	5,070	1,600	23,200	500	19.69	4,700	3.16
51	-32	2"	68.4	2.69	72	2.83	350	5,070	1,500	21,750	630	24.8	6,800	4.57