



HOSEFLEX

HYDRAULIC HOSE



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4SH / 4 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

HOSE COVER:

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

APPLICABLE SPECS:

EN 856 4SP; ISO 3862 4SH

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
16	-10	5/8"	25.5	1	28.5	1.12	450	6,520	1,850	26,830	180	7.09	1,290	0.87
19	-12	3/4"	28.2	1.11	31.9	1.26	420	6,090	1,750	25,380	210	8.27	1,500	1.01
25	-16	1"	35.1	1.38	38.1	1.5	385	5,580	1,750	25,380	220	8.66	2,040	1.37
31	-20	1-1/4"	42.2	1.66	45	1.77	350	5,070	1,400	20,300	420	16.54	2,410	1.62
38	-24	1-1/2"	49.1	1.93	53.1	2.09	300	4,350	1,250	18,120	560	22.05	3,170	2.13
51	-32	2"	63.5	2.5	67.5	2.66	250	3,620	1,000	14,500	700	27.56	4,460	3