



# HOSEFLEX

HYDRAULIC HOSE



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## 4SP / 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 4SP

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"	14.7	0.58	17.6	0.69	485	7,030	2,400	34,800	125	4.92	590	0.4
10	-6	3/8"	17.6	0.69	21	0.83	450	6,520	2,000	29,000	125	4.92	740	0.5
12	-8	1/2"	20.3	0.8	24.2	0.95	420	6,090	1,750	25,380	175	6.89	880	0.59
16	-10	5/8"	23.7	0.93	27.6	1.09	380	5,510	1,600	23,200	200	7.87	1,080	0.73
19	-12	3/4"	28.2	1.11	31.7	1.25	380	5,510	1,600	23,200	240	9.45	1,450	0.97
25	-16	1"	35	1.38	39	1.54	320	4,640	1,400	20,300	340	13.39	1,880	1.26
31	-20	1-1/4"	46.1	1.81	49.7	1.96	210	3,040	1,250	18,120	460	18.11	2,990	2.01
38	-24	1-1/2"	52.4	2.06	56.1	2.21	185	2,680	1,000	14,500	560	22.05	3,500	2.35
51	-32	2"	65.4	2.57	69	2.72	175	2,530	1,000	14,500	660	25.98	5,010	3.37