

**Dunlop Hiflex SP33**

Specification for: 3SPE - Ultra Low Temperature Version  
: 3SPT - Black Rubber Cover  
: 3SPX - Black Tuflex® Cover

Nominal Bore Size		Mean Diameter Over Wire		Maximum Diameter Over Cover		Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius		Approx Weight	
Inch	MM	Inch	MM	Inch	MM	PSI	Bar	PSI	Bar	Inch	MM	Lbs/ft	Kg/M
3/8	9.5	0.685	17.4	0.866	22.0	7,250	500	29,000	2000	4.75	120	0.54	0.81
1/2	12.7	0.819	20.8	0.992	25.2	6,820	470	27,280	1880	6.25	160	0.62	0.93
5/8	15.9	0.961	24.4	1.134	28.8	5,950	410	23,800	1640	8.25	210	0.78	1.16
3/4	19.0	1.110	28.2	1.280	32.5	5,440	375	21,760	1500	10.25	260	0.96	1.43
1	25.4	1.409	35.8	1.598	40.6	4,750	327	19,000	1310	12.25	310	1.41	2.10
1.1/4	31.8	1.661	42.2	1.831	46.5	3,480	240	13,920	960	16.25	410	1.55	2.31

Product Information

- Description : Heavy duty high pressure 3 wire braid hydraulic hose
- Liner (3SPE) : Black; oil resistant, ultra low temperature synthetic rubber
- Liner (3SPT/X) : Black; oil resistant synthetic rubber
- Cover (3SPE) : Black; oil, water, ozone, flame & ultra low temperature resistant synthetic rubber
- Cover (3SPT) : Black; oil, water, ozone & flame resistant synthetic rubber
- Cover (3SPX) : Black; oil, water, ozone & abrasion resistant Tuflex® \*
- Reinforcement : Three braids of high tensile steel wire
- Temperature Range (3SPE) : -55°C to +100°C (-67°F TO +212°F); Intermittent use up to +125°C (257°F)\*\*
- Temperature Range (3SPT/X) : -40°C to +100°C (-40°F TO +212°F); Intermittent use up to +125°C (257°F)\*\*

\*The special cover material when tested to International Standards, (ISO) achieves 1000 times the abrasion resistance of standard hydraulic hoses.

\*\*Petroleum based fluids only. Water based fluids at temperatures up to +70°C (158°F)

Applications

Hydraulic systems with petroleum or water/glycol based fluids and for field and lubricating oils

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