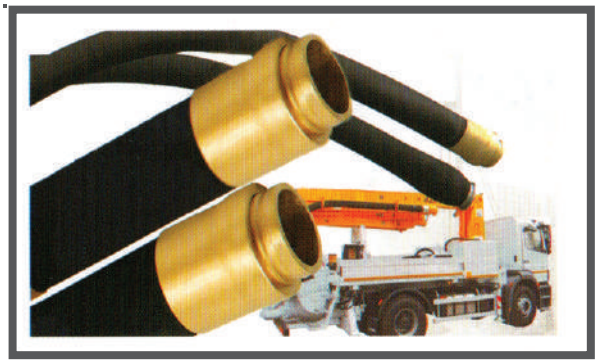
MANSON

CONCRETE END PUMP HOSE

Application : Concrete End Pump steel cord hose used for concrete placement at casting locations : it is used at the end of the pumps to distribute the concrete. The hose resists suction during the cleaning process. Usually supplied with swaged on " Full Flow" hardened couplings.



Temperature range : -40°C to + 100°C

Construction : Tube : Black, Smooth, NR/SBR rubber, that withstands the abrasive action of the concrete.

Reinforcement : Plies of 4 Steel wire cord.

Cover : Black, Smooth (Wrapped Finish) NR/SBR rubber, abrasion and weathering resistant.

Working Pressure : 85 Bar

TP TEFLON (PTFE)

Application : Dilute or concentrated acids, solvents, caustics, hot-lacquers, oxidising agents, fuels, oils, steam gases, drugs, foods, unaffected by most chemicals except molten alkali metals.

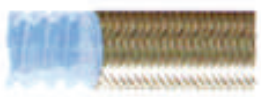
Construction : Inner Teflon (PTFE) tube with one braid of high tensile stainless steel (SS 304) wire. Also available in two or three braid for higher pressure application.

Temperature range : -54°C to + 260°C

Hose Size I.D.		Hose Size O.D.		Working Pressure	Min.Burst Pressure	Minimum Bend Radius
Inch	mm	Inch	mm	PSI	PSI	Inch
3/16	4.8	0.3	7.6	2750	11000	2.00
1/4	6.4	0.35	8.8	2610	10440	3.00
5/16	8.0	0.43	11	2540	10160	4.00
3/8	9.5	0.48	12.1	2390	9560	5.00
1/2	12.7	0.64	16.2	1740	6960	6.60
5/8	16	0.74	19.0	1270	5080	8.00
3/4	19.0	0.91	23.2	1010	4040	9.20
1	25.4	1.15	29.2	870	3480	12.00

TC TEFLON (PTFE)

Construction : Inner (E) and overbraid of high tensile stainless steel wire (ss 304) designed to yeild maximum pressure ratings. Each corrugation has a low-profile shape to promote easy cleaning.



Temperature range : -54°C to + 260°C

Hose Size I.D.		Hose Size O.D.		Working Pressure	Min.Burst Pressure	Minimum Bend Radius
Inch	mm	Inch	mm	PSI	PSI	Inch
3/8	9.5	0.65	16.4	150	600	20
1/2	12.7	0.78	19.8	135	540	25
5/8	16.0	0.89	22.6	100	400	50
3/4	19.0	1.05	26.6	80	320	65
1	25.4	1.33	33.7	55	220	90
1.1/4	31.8	1.59	40.3	45	180	110
1.1/2	38.1	20.1	51.0	35	140	150
2	50.8	2.44	62.0	25	100	200