



HIGH PRESSURE SPIRAL HOSES

DEEP-JYOTI HYD. ENGG. CO. SAE 100 R-9-10 up to 1"-R10000 R1"	Dash Size	Hose I. D.		Hose O.D.		Working Pressure		Minimum Burst Pressure		Minimum Burst Radius	
		mm	Inch	mm	Inch	Bar	PSI	Bar	PSI	mm	Inch
			6	6.4	1/4	17.9	0.705	450	6.530	1.800	26.100
	10	9.5	3/8	21.4	0.843	445	6.450	1.780	25.800	178	7.00
	12	12.7	1/2	24.6	0.969	415	6.000	1.660	24.000	230	9.00
	16	15.9	5/8	28.5	1.122	360	5.250	1.440	21.000	250	10.00
	20	19.0	3/4	32.0	1.260	350	5.100	1.400	20.400	300	12.00
	25	25.4	1	39.7	1.563	290	4.200	1.160	16.800	340	13.00
	32*	31.8	1(1/4)	50.8	2.000	210	3.050	840	12.200	457	18.00
	40*	38.1	1(1/2)	57.2	2.252	185	2.680	740	10.730	559	22.00
	50*	50.8	2	70.6	2.780	172	2.500	689	10.000	660	26.00


Four Spiral

CONSTRUCTION : Tube : seamless synthetic rubber Reinforcement : 4 spirals of high tensile steel wire
COVER : Synthetic rubber - weather, oil and abrasion resistant.
APPLICATION : High pressure hydraulic oil lines, where reliability is required.
CONFORMS TO : DIN 20023-4 SP

DEEP-JYOTI HYD. ENGG. CO. SAE 100 R-12	Dash Size	Hose I. D. (mm)	Hose I. D. (Inch)	Hose O.D. (mm)	Hose O.D. (Inch)	Working Pressure (Bar)	Working Pressure (PSI)	Minimum Burst Pressure (Bar)	Minimum Burst Pressure (PSI)	Minimum Burst Radius (mm)	Minimum Burst Radius (Inch)
	-6	9.5	3/8	20.3	0.799	276	4.000	1.103	16.000	127	5.00
	-8	12.7	1/2	23.8	0.937	276	4.000	1.103	16.000	178	7.00
	-12	19.0	3/4	30.7	1.208	276	4.000	1.103	16.000	241	9.50
	-16	25.4	1	38.0	1.496	276	4.000	1.103	16.000	305	12.00
	-20	31.8	1(1/4)	47.0	1.850	207	3.000	827	12.000	419	16.50
	-24	38.1	1(1/2)	53.5	2.106	172	2.500	690	10.000	508	20.00
	-32	50.8	2	66.7	2.625	172	2.500	690	10.000	635	25.00

Four Spiral

CONSTRUCTION : Tube : seamless synthetic rubber Reinforcement : 4 spirals of high tensile steel wire
COVER : Synthetic rubber - weather, oil and abrasion resistant.
APPLICATION : Very High pressure hydraulic application requiring excellent impulse life.
CONFORMS TO : DIN 20023-4 4H

DEEP-JYOTI HYD. ENGG. CO. SAE 100 R-13	Dash Size	Hose I. D. (mm)	Hose I. D. (Inch)	Hose O.D. (mm)	Hose O.D. (Inch)	Working Pressure (Bar)	Working Pressure (PSI)	Minimum Burst Pressure (Bar)	Minimum Burst Pressure (PSI)	Minimum Burst Radius (mm)	Minimum Burst Radius (Inch)
	-4	6.4	1/4	20.6	0.811	780	11.250	3.100	45.000	127	5.00
	-6	9.5	3/8	23.8	0.937	690	10.000	2.760	40.000	152	6.00
	-8	12.7	1/2	27.0	1.063	517	7.500	2.070	30.000	200	8.00
	-12	19.0	3/4	32.6	1.283	345	5.000	1.380	20.000	240	9.50
	-16	25.4	1	39.2	1.543	345	5.000	1.380	20.000	300	12.00
	-20	21.8	1(1/4)	49.8	1.962	345	5.000	1.380	20.000	419	16.50
	-24	38.1	1(1/2)	57.3	2.256	345	5.000	1.380	20.000	508	20.00
	-32	50.8	2	71.7	2.800	345	5.000	1.380	20.000	635	25.00

Four or six Spiral

CONSTRUCTION : Tube : seamless synthetic rubber Reinforcement : 4 or 6 spirals of high tensile steel wire
COVER : Synthetic rubber-weather, oil and abrasion resistant cover.
APPLICATION : Extremely High pressure hydraulic applications.
CONFORMS TO : DIN 20023-4 SP