



GIANT FLEX



HYDRAULIC & SPIRAL HOSES

SAE 100 R1AT / EN 853 1SN

Application Hydraulic System With Petroleum or Water Base Fluid & For Fuel and Lubricating Oils.

Lining Black Oil Resistant Synthetic Rubber Compound.

Reinforcement One High Tensile Brass Coated Steel Wire Braid.

Cover Abrasion, Ozone and Weather Resistant Synthetic Rubber Compound.

Temp. Range -40°C. To 100°C.
(intermittent Use upto 125°C.)

Impulse Options 1,50,000 Cycles
Robust - High Abrasion resistant Cover

DASH NO	DN.	NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM		PSI	BAR	PSI	BAR	INCH	MM
-4	6	1/4	6.3	13.5	3265	225	13060	900	4.0	102
-5	8	5/16	7.9	15.0	3110	215	12480	860	4.5	114
-6	10	3/8	9.5	17.4	2610	180	10440	720	5.0	127
-8	12	1/2	12.7	20.6	2320	160	9280	640	7.0	178
-10	16	5/8	15.9	24.0	1800	130	7560	520	8.0	203
-12	20	3/4	19.0	28.4	1525	105	6100	420	9.5	241
-16	25	1	25.4	36.6	1275	88	5100	352	12.0	305
-20	32	1-1/4	31.8	43.0	915	63	3660	252	16.5	419
-24	38	1-1/2	38.0	50.4	725	50	2900	200	20.0	508
-32	50	2	50.8	63.5	580	40	2320	160	25.0	635
-40	63	2-1/2"	64.0	76.0	508	35	2028	140	30.0	760
-48	75	3"	76.2	90.5	435	30	1740	120	35.0	900
-64	100	4"	102.0	117.0	290	20	1160	80	46.0	1170

SAE100 R2 AT / EN 853 2SN

Application Hydraulic System With Petroleum Or Water Base Fluid & For Fuel And Lubricating Oils.

Lining Black Oil Resistant Synthetic Rubber Compound.

Reinforcement Two High Tensile Brass Coated Steel Wire Braids.

Cover Abrasion, Ozone and Weather Resistant Synthetic Rubber Compound.

Temp. Range -40°C. To 100°C.
(intermittent Use upto 125°C.)

Impulse Options 2,00,000 Cycles
Robust - High Abrasion resistant Cover

DASH NO	DN.	NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
		INCH	MM		PSI	BAR	PSI	BAR	INCH	MM
-4	6	1/4	6.3	15.1	5800	400	23200	1600	4.0	102
-5	8	5/16	7.9	16.7	5100	350	20400	1400	4.5	114
-6	10	3/8	9.5	19.1	4800	330	19200	1320	5.0	127
-8	12	1/2	12.7	22.2	4000	276	16000	1103	7.0	178
-10	16	5/8	15.9	26.0	3600	250	14400	1000	8.0	203
-12	20	3/4	19.0	30.4	3100	215	12400	860	9.5	241
-16	25	1	25.4	38.5	2400	165	9600	660	12.0	305
-20	32	1-1/4	31.8	48.3	1800	125	7200	500	16.5	419
-24	38	1-1/2	38.0	54.7	1300	90	5200	360	20.0	508
-32	50	2	50.8	67.4	1160	80	4640	320	25.0	635
-40	63	2-1/2"	64.0	80.0	1010	70	4040	280	30.0	760
-48	75	3"	76.2	93.4	720	50	2880	200	35.0	900
-64	100	4"	102.0	118.5	580	40	2320	160	46.0	1180

Application Extremely high hydraulic application. The hose is Suitable for petroleum based hydraulic fluids, water based glycol and lubricants

Lining Black, Oil resistant synthetic rubber

Reinforcement Four/Alternating layers of spiraled high tensile steel wires

Cover Anti abrasive synthetic rubber resistant to oils, fuel and atmospheric conditions

Standard EN 856 4SH (Impulse cycle tested at 4,00,000 cycles)

Temperature Range: -40°C to +120°C

4SH SPIRAL HOSE / EN 856

NOMINAL BORE		MEAN OUTER COVER DIA	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS
INCH	MM		PSI	BAR	PSI	BAR	
1/2"	12	24.5	7032	485	28128	1940	140
5/8"	16	28.05	6530	450	26120	1800	170
3/4"	19	31.4	6090	420	24400	1680	280
1"	25	37.5	5510	385	22040	1540	340
1.1/4"	31.4	43.9	5005	350	20300	1400	460
1.1/2"	38	51.9	4290	300	17400	1200	560
2"	50.4	66.5	3625	250	14500	1000	700

* Not under SAE specifications.

- Other range on request • Bare Hose Available in Standard / Random / Cut lengths
- Hoses-Fittings-Assemblies-Available / Manufactured as per Specified Requirement

BRANCHES

AHMEDABAD : Email : ahmedabad@halston.in

SURAT : Email : surat@halston.in

VIJAYWADA : Email : vijaywada@halston.in

INDORE : Email : indore@halston.in

RAIPUR : Email : raipur@halston.in



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