



DS3

SAE 100 R3



Application

Medium pressure hose for hydraulic applications
Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

	HOSE I.D.				HOSE O.D.		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT	
	DN	size	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	Kg/m	lbs/ft
103-05-03	05	-3	4,8	3/16"	12,8	0.50	105	1500	420	6000	75	3.00	0,15	0.10
103-06-04	06	-4	6,4	1/4"	14,4	0.57	87	1250	348	5000	75	3.00	0,19	0.13
103-08-05	08	-5	7,9	5/16"	17,6	0.69	84	1200	336	4800	100	4.00	0,26	0.17
103-10-06	10	-6	9,5	3/8"	19,0	0.75	78	1125	312	4500	100	4.00	0,25	0.17
103-12-08	12	-8	12,7	1/2"	23,8	0.94	70	1000	280	4000	125	5.00	0,39	0.26
103-16-10	16	-10	15,9	5/8"	27,0	1.06	61	875	244	3540	140	5.50	0,48	0.32
103-19-12	19	-12	19,0	3/4"	31,7	1.25	52	750	208	3000	150	6.00	0,65	0.44
103-25-16	25	-16	25,4	1"	38,0	1.50	39	565	156	2250	200	8.00	0,80	0.54
103-31-20	31	-20	31,8	1.1/4"	44,8	1.76	26	375	104	1500	250	10.00	0,95	0.64

Construction:
Tube: Black synthetic rubber resistant to oils
Reinforcement: Two high resistant textile braids
Cover: Black, synthetic rubber resistant to oils, abrasion and weather condition

Temperature:
 -40°C to 100°C (125°C discontinuous)
 -40°F to 212°F (257°F discontinuous)