

TITANFLEX INDUSTRIAL SUPPLIES SDN. BHD. (1219008-K)
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STEEL WIRE 1-BRAID HYDRAULIC HOSE - EN 853 1SN SAE 100 R1AT

TUBE Oil resistant synthetic rubber
 REINFORCEMENT One braid of high tensile steel wire
 COVER Abrasion and weather resistant synthetic rubber
 APPLICATION Used to convey mineral oil based hydraulic oil, oil and water emulsion and aqueous glycol solutions
 TEMPERATURE - 40°C to + 100°C and up to + 125°C for intermittent periods
 TYPE APPROVAL DNV and US MSHA

HOSE SIZE			I.D.	BRAID	O.D.	WORKING PRESSURE (MAX)		BURST PRESSURE (MIN)		BEND RADIUS (MIN)	WEIGHT (APPROX)
DN	INCH	DASH	mm	∅ mm	mm	bar	psi	bar	psi	mm	kg/m
5	3/16	-3	4.8	9.5	11.8	250	3625	1000	14500	90	0.190
6	1/4	-4	6.4	11.1	13.4	225	3265	900	13050	100	0.230
8	5/16	-5	7.9	12.7	15.0	215	3120	850	12325	115	0.270
10	3/8	-6	9.5	15.1	17.4	180	2610	720	10440	130	0.345
12	1/2	-8	12.7	18.3	20.6	160	2320	640	9280	180	0.425
16	5/8	-10	15.9	21.4	23.7	130	1885	520	7540	200	0.510
19	3/4	-12	19.0	25.4	27.7	105	1525	420	6100	240	0.645
25	1	-16	25.4	33.3	35.6	88	1276	350	5075	300	0.945
31	1.1/4	-20	31.8	40.5	43.5	63	914	250	3625	420	1.295
38	1.1/2	-24	38.1	46.8	50.6	50	725	200	2900	500	1.590
51	2	-32	50.8	60.2	64.0	40	580	160	2320	630	2.120