

Vitillo - Wire Braid Hydraulic Hose EN853 1SN



SAE 100R1AT/DIN EN 853 1SN STANDARD
Black, oil and environment resistant synthetic rubber
Reinforcement: One high tensile steel braid
Cover: Abrasion and weather resistant synthetic rubber
Temperature: -40 Degree C to +100 Degree C
Qualified Fluids: mineral oils, vegetable and rapeseed oils, synthetic ester based oils, oils in aqueous emulsion, water

Part No.	DN	Hose Inside Diameter		Wire Outside Diameter	Hose Outside Diameter	Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight Kg
		inch	mm	mm	mm	bar	psi	bar	psi	mm	Kg/m
031TV	5	3/16"	4.8	9.5	11.5	250	3620	1000	14480	90	0.18
041TV	6	1/4"	6.4	11.1	13.1	225	3260	900	13040	100	0.23
051TV	8	5/16"	7.9	12.7	14.7	214	3110	860	12440	115	0.28
061TV	10	3/8"	9.5	15.1	17.1	180	2610	720	10440	130	0.36
081TV	12	1/2"	12.8	18.2	20.2	160	2320	640	9280	180	0.43
101TV	16	5/8"	16.0	21.4	23.4	130	1880	520	7520	200	0.51
121TV	19	3/4"	19.0	25.4	27.4	105	1520	420	6080	240	0.62
161TV	25	1"	25.4	33.3	35.3	88	1270	352	5080	300	0.935
201TV	31	1-1/4"	31.8	40.5	42.9	63	910	250	3620	420	1.3
241TV	38	1-1/2"	38.1	47.0	50.1	50	720	200	2880	500	1.55
321TV	51	2"	50.8	60.4	63.4	40	580	160	2320	630	2.3

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		inch	mm	mm	mm	bar	psi	bar	psi	mm	Kg/m
032TV	5	3/16"	4.8	11.1	13.4	415	6020	1607	23295	89	0.32
042TV	6	1/4"	6.4	12.7	15.0	400	5800	1600	23200	102	0.36
052TV	8	5/16"	7.9	14.3	16.6	350	5075	1400	20300	114	0.45
062TV	10	3/8"	9.5	16.7	19.0	330	4785	1320	19140	127	0.54
082TV	13	1/2"	12.7	19.8	22.2	275	3990	1101	15960	178	0.68
102TV	16	5/8"	15.9	23.0	25.4	250	3625	1000	14500	203	0.8
122TV	19	3/4"	19.0	27.0	29.3	215	3120	850	12325	241	0.94
162TV	25	1"	25.4	34.9	38.0	165	2390	650	9425	305	1.35
202TV	32	1-1/4"	31.8	44.5	48.3	125	1810	500	7250	419	2.15
242TV	28	1-1/2"	38.1	50.8	54.6	90	1305	360	5220	508	2.65
322TV	51	2"	50.8	63.5	67.3	80	1160	320	4640	635	3.42