

E-flex - Wire Braid Hydraulic Hose

EN853 1SN



SAE 100R1AT/DIN EN 853 1SN STANDARD

Tube Oil resistant synthetic rubber

Reinforcement: One high tensile steel wire braid

Cover: Abrasion and weather resistant synthetic rubber

Temperature: -40 Degree C to +100 Degree C

Part No.	DN	Hose Inside Diameter		Wire Outside Diameter	Hose Outside Diameter	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight Kg
		inch	mm	mm	mm	bar	psi	bar	psi	mm	Kg/m
031TC	5	3/16"	4.8	9.5	12.5	250	3625	1000	14500	90	0.20
041TC	6	1/4"	6.4	11.1	14.1	225	3260	900	13050	100	0.25
051TC	8	5/16"	7.9	12.7	15.7	215	3120	850	12325	115	0.31
061TC	10	3/8"	9.5	15.1	18.1	180	2610	720	10440	130	0.36
081TC	13	1/2"	12.7	18.3	21.4	160	2320	640	9280	180	0.45
101TC	16	5/8"	15.9	21.4	24.5	130	1885	520	7540	200	0.52
121TC	19	3/4"	19.0	25.4	28.5	105	1520	420	6090	240	0.65
161TC	25	1"	25.4	33.3	36.6	88	1280	350	5075	300	0.91
201TC	32	1-1/4"	31.8	40.5	44.8	63	910	250	3625	420	1.30
241TC	38	1-1/2"	38.1	46.8	52.1	50	725	200	2900	500	1.70
321TC	51	2"	50.8	60.2	65.5	40	580	160	2320	630	2.00

E-flex - Wire Braid Hydraulic Hose

EN853 2SN



SAE 100R2AT/DIN EN 853 2SN STANDARD

Tube Oil resistant synthetic rubber

Reinforcement: Two high tensile steel wire braid

Cover: Abrasion and weather resistant synthetic rubber

Temperature: -40 Degree C to +100 Degree C

Part No.	DN	Hose Inside Diameter		Wire Outside Diameter	Hose Outside Diameter	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight Kg
		inch	mm	mm	mm	bar	psi	bar	psi	mm	Kg/m
032TC	5	3/16"	4.8	11.1	14.1	415	6020	1607	23295	90	0.32
042TC	6	1/4"	6.4	12.7	15.7	400	5800	1600	23200	100	0.36
052TC	8	5/16"	7.9	14.3	17.3	350	5075	1400	20300	115	0.45
062TC	10	3/8"	9.5	16.7	19.7	330	4785	1320	19140	130	0.54
082TC	13	1/2"	12.7	19.8	23.0	275	3990	1101	15960	180	0.68
102TC	16	5/8"	15.9	23.0	26.2	250	3625	1000	14500	200	0.80
122TC	19	3/4"	19.0	27.0	30.1	215	3120	850	12325	240	0.94
162TC	25	1"	25.4	34.9	38.9	165	2390	650	9425	300	1.35
202TC	32	1-1/4"	31.8	44.5	49.5	125	1810	500	7250	420	2.15
242TC	28	1-1/2"	38.1	50.8	55.9	90	1305	360	5220	500	2.65
322TC	51	2"	50.8	63.5	68.6	80	1160	320	4640	630	3.42