

EN854



En854 1TE EN854 2TE EN854 3TE

Textile Yarn Braid Reinforced Hydraulic Hose

Description

Inner Tube :

oil resistant synthetic rubber - delivering hydraulic oil and water for long-term use.

Reinforcement Layer: high strength textile yarn braided - its used to withstand external and internal pressure.

Cover :

oil resistant and weather resistant synthetic rubber - it can work at tough condition and complex environment.

Temperature :

-40°C (-104°F) to +100°C (+212°F)

EN854 1TE

Metric Size	Inch Size	Dash Size	I.D (mm)		O.D (mm)		Max W.P		Min B.P	Min B.R	W.T
			Min	Max	Min	Max	Mpa	psi			
5	3/16	3	4.4	5.2	10	11.6	2.5	363	10	35	0.12
6.3	1/4	4	5.9	6.9	11.6	13.2	2.5	363	10	45	0.13
8	5/16	5	7.4	8.4	13.1	14.7	2	290	8	65	0.16
10	3/8	6	9	10	14.7	16.3	2	290	8	75	0.18
12.5	1/2	8	12.1	13.3	17.7	19.7	1.6	232	6.4	90	0.23
16	5/8	10	15.3	16.5	21.9	23.9	1.6	232	6.4	115	0.3

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Metric Size	Inch Size	Dash Size	I.D (mm)		O.D (mm)		Max W.P		Min B.P	Min B.R	W.T
			Min	Max	Min	Max	Mpa	psi			
5	3/16	3	4.4	5.2	11	12.6	8	1160	32	35	0.12
6.3	1/4	4	5.9	6.9	12.6	14.2	7.5	1088	30	45	0.13
8	5/16	5	7.4	8.4	14.1	15.7	6.8	986	27.2	65	0.16
10	3/8	6	9	10	15.7	17.3	6.3	914	25.2	75	0.18
12.5	1/2	8	12.1	13.3	18.7	20.7	5.8	841	23.2	90	0.23
16	5/8	10	15.3	16.5	22.9	24.9	5	725	20	115	0.3
19	3/4	12	18.2	19.8	26	28	4.5	653	18	110	0.41
25	1	16	24.6	26.2	32.9	35.9	4	580	16	150	0.58

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Metric Size	Inch Size	Dash Size	I.D (mm)		O.D (mm)		Max W.P		Min B.P	Min B.R	W.T
			Min	Max	Min	Max	Mpa	psi			
55	3/16	3	4.4	5.2	12	13.6	16	2320	64	35	0.12
6.3	1/4	4	5.9	6.9	13.6	15.2	14.5	2103	58	45	0.13
8	5/16	5	7.4	8.4	16.1	17.7	13	1885	52	65	0.16
10	3/8	6	9	10	17.7	19.3	11	1595	44	75	0.18
12.5	1/2	8	12.1	13.3	20.7	22.7	9.3	1349	37.2	90	0.23
16	5/8	10	15.3	16.5	24.9	26.9	8	1160	32	115	0.3
19	3/4	12	18.2	19.8	28	30	7	1015	28	130	0.54
25	1	16	24.6	26.2	34.4	37.4	5.5	798	22	150	0.72
31.5	1-1/4	20	30.8	32.8	40.8	43.8	4.5	653	18	190	0.88
38	1-1/2	24	37.1	39.1	47.6	51.6	4	580	16	240	1.07
51	2	32	49.8	51.8	60.3	64.3	3.3	479	13.2	300	1.36

Application Fields:

mine hydraulic support: excavator
oil field mining: drilling equipment, drilling rig, oil pump
engineering construction: lift machine, scraper, loader, drill, pile driver
road construction machinery: rock crusher, stone crusher

Product features:

Oil resistance
High temperature resistance
Heat resistance
Aging resistance with long service life
Good flexibility without distortion