

DIN 1TE



GENERAL INDUSTRY

Hydraulic hoses



APPLICATIONS

Textile reinforced rubber hose for hydraulic control lines.
Discharge under pressure of hydraulic fluids, grease, oil-lubricated air and water.

ADVANTAGES

- 1 Light weight and flexible due to the textile reinforcement.
- 1 Elimination of vibrations in hydraulic lines.
- 1 Hose cover is highly resistant to oil and grease.

TECHNICAL DESCRIPTION

Inner tube: oil resistant NBR, black, smooth.

Reinforcement: one textile spun.

Cover: oil and weather resistant CR, black, smooth.

Temperature range:

Hydraulic fluids: -40 °C to +100 °C.

Aqueous liquids: -40 °C to +70 °C.

Water: 0 °C to +70 °C.

STANDARD/APPROVAL

EN 854 1TE:2015.



COMPLEMENTARY INFORMATION

ID>16mm are not included in EN 854 1TE:2015.

Delivery terms for every order:

50% in fixed length ;

50% in random lengths:

10-39m for all DN,

41-99m for DN 4.8,

41-119m for DN 6.4 to 15.9,

41-79m for DN 19 to 25.4.

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ID inch	ID mm	WALL THICKNESS mm	OD mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	BENDING RADIUS mm	WEIGHT kg/m	LENGTH m	ARTICLE NUMBER	STOCK (1) or min. order m
3/16"	4.8	3 ±0.3	10.8	25	100	35	0.09	40	5501642	3520
3/16"	4.8	3 ±0.3	10.8	25	100	35	0.09	80	5501643	3520
3/16"	4.8	3 ±0.3	10.8	25	100	35	0.09	100	5501644	3500
1/4"	6.4	3 ±0.3	12.4	25	100	45	0.11	40	5501647	1
1/4"	6.4	3 ±0.3	12.4	25	100	45	0.11	80	5501648	3520
1/4"	6.4	3 ±0.3	12.4	25	100	45	0.11	120	5501649	1
5/16"	7.9	3 ±0.3	13.9	20	80	65	0.13	40	5501652	1
5/16"	7.9	3 ±0.3	13.9	20	80	65	0.13	80	5501653	1
5/16"	7.9	3 ±0.3	13.9	20	80	65	0.13	120	5501654	1
3/8"	9.5	3 ±0.3	15.5	20	80	75	0.15	40	5501657	1
3/8"	9.5	3 ±0.3	15.5	20	80	75	0.15	80	5501658	1
3/8"	9.5	3 ±0.3	15.5	20	80	75	0.15	120	5501659	1
1/2"	12.7	3 ±0.3	18.7	16	64	90	0.18	40	5501662	1
1/2"	12.7	3 ±0.3	18.7	16	64	90	0.18	80	5501663	2480
1/2"	12.7	3 ±0.3	18.7	16	64	90	0.18	120	5501664	1
5/8"	15.9	3.5 ±0.4	22.9	16	64	115	0.26	40	5501667	1200
5/8"	15.9	3.5 ±0.4	22.9	16	64	115	0.26	80	5501668	1200
5/8"	15.9	3.5 ±0.4	22.9	16	64	115	0.26	120	5501669	1200
3/4"	19.0	3.5 ±0.4	26.0	12	32	135	0.3	40	5501672	1120
3/4"	19.0	3.5 ±0.4	26.0	12	32	135	0.3	80	5501673	1120
1"	25.4	4 ±0.4	33.4	12	32	165	0.45	40	5501674	760
1"	25.4	4 ±0.4	33.4	12	32	165	0.45	80	5501675	720
Tolerance on length: ±1% (ISO 1307 Standard).										

