



DIN 2TE

MANUFACTURING & MACHINE TOOLS

Hydraulic hoses

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

Advantages

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

Technical description

Inner tube: oil resistant NBR, black, smooth.
Reinforcement: one textile braid on ID≤25mm, two textile braids on ID>25mm.
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 2TE:1996.

Complementary information

ID>25mm are not included in EN 854 2TE:1996.

Delivery terms for every order:
50% in fixed length ;
50% in random lengths:
10-39m for all DN,
41-119m for DN 4.8 to 15.9,
41-79m for DN 19 to 25.4.

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 (●) or min. order m
3/16"	4.8	3.5 ±0.3	11.8	80	320	35	0.12	40	0060357	☐
								80	0060358	☐
								120	0060359	●
1/4"	6.4	3.5 ±0.3	13.4	75	300	40	0.14	40	0060361	●
								80	0060362	☐
								120	0060363	●
5/16"	7.9	3.5 ±0.3	14.9	68	270	50	0.16	40	0060365	●
								80	0060366	☐
								120	0060367	●
3/8"	9.5	3.5 ±0.3	16.5	63	250	60	0.18	40	0060369	●
								80	0060370	☐
								120	0060371	●
1/2"	12.7	3.5 ±0.3	19.7	58	230	70	0.22	40	0060373	●
								80	0060374	☐
								120	0060375	●
5/8"	15.9	4.0 ±0.4	23.9	50	200	90	0.32	40	0060377	●
								80	0060378	☐
								120	0060379	●
3/4"	19.0	4.0 ±0.4	27.0	45	180	110	0.37	40	0060381	●
								60	0120596	3480
								80	0060382	●
1"	25.4	4.5 ±0.4	34.4	40	160	150	0.52	40	5006555	3480
								60	5503072	●
								60	5007053	1800
1"1/4	31.8	4.5 ±0.4	41.6	35	140	190	0.71	20	5503141	●
								20	0070158	●
								40	0070157	☐

☐ Upon availability.

Tolerance on length: ±1% (ISO 1307 Standard).

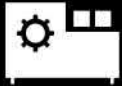
4.8-25.4mm



31.8mm



DIN 2TE



MANUFACTURING & MACHINE TOOLS



Hydraulic hoses

APPLICATIONS

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

ADVANTAGES

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

TECHNICAL DESCRIPTION

Inner tube: oil resistant NBR, black, smooth.

Reinforcement: one textile braid on ID≤25mm, two textile braids on ID>25mm.

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 2TE:2015.



COMPLEMENTARY INFORMATION

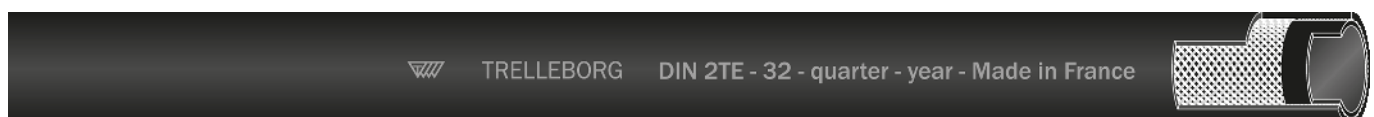
ID>25mm are not included in EN 854 2TE:2015.

Delivery terms for every order:
50% in fixed length ;
50% in random lengths:
10-39m for all DN,
41-119m for DN 4.8 to 15.9,
41-79m for DN 19 to 25.4.

4.8-25.4mm



31.8mm





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 () or min. order m
3/16"	4.8	3.5 ±0.3	11.8	80	320	35	0.12	40	0060357	☒
3/16"	4.8	3.5 ±0.3	11.8	80	320	35	0.12	80	0060358	☒
3/16"	4.8	3.5 ±0.3	11.8	80	320	35	0.12	120	0060359	☐
1/4"	6.4	3.5 ±0.3	13.4	75	300	40	0.14	40	0060361	☐
1/4"	6.4	3.5 ±0.3	13.4	75	300	40	0.14	80	0060362	☒
1/4"	6.4	3.5 ±0.3	13.4	75	300	40	0.14	120	0060363	☐
5/16"	7.9	3.5 ±0.3	14.9	68	270	50	0.16	40	0060365	☐
5/16"	7.9	3.5 ±0.3	14.9	68	270	50	0.16	80	0060366	☒
5/16"	7.9	3.5 ±0.3	14.9	68	270	50	0.16	120	0060367	☐
3/8"	9.5	3.5 ±0.3	16.5	63	250	60	0.18	40	0060369	☐
3/8"	9.5	3.5 ±0.3	16.5	63	250	60	0.18	80	0060370	☒
3/8"	9.5	3.5 ±0.3	16.5	63	250	60	0.18	120	0060371	☐
3/8"	9.5	3.5 ±0.3	16.5	63	250	60	0.18	200	0060960	☐
1/2"	12.7	3.5 ±0.3	19.7	58	230	70	0.22	40	0060373	☐
1/2"	12.7	3.5 ±0.3	19.7	58	230	70	0.22	80	0060374	☒
1/2"	12.7	3.5 ±0.3	19.7	58	230	70	0.22	120	0060375	☐
5/8"	15.9	4 ±0.4	23.9	50	200	90	0.32	40	0060377	☐
5/8"	15.9	4 ±0.4	23.9	50	200	90	0.32	80	0060378	☒
5/8"	15.9	4 ±0.4	23.9	50	200	90	0.32	120	0060379	☐
3/4"	19.0	4 ±0.4	27.0	45	180	110	0.37	40	0060381	☐
3/4"	19.0	4 ±0.4	27.0	45	180	110	0.37	60	0120596	3480
3/4"	19.0	4 ±0.4	27.0	45	180	110	0.37	80	0060382	☐
3/4"	19.0	4 ±0.4	27.0	45	180	110	0.37	120	5006555	3480
1"	25.4	4.5 ±0.4	34.4	40	160	150	0.52	40	5503072	☐
1"	25.4	4.5 ±0.4	34.4	40	160	150	0.52	60	5007053	1800
1"	25.4	4.5 ±0.4	34.4	40	160	150	0.52	80	5503141	☐
1"1/4	31.8	4.5 ±0.4	41.6	35	140	190	0.71	20	0070158	☐
1"1/4	31.8	4.5 ±0.4	41.6	35	140	190	0.71	40	0070157	☒

Tolerance on length: ±1% (ISO 1307 Standard).

☒ Upon availability.

