Hydraulic hose
1 TE/2 TE/3 TE

Description

- Black, smooth rubber inner lining
- Reinforcement: one or two textile braids
- Black, finish fabric patterned outer lining made from wear-resistant rubber
- Temperature resistance: -40°C to +100°C (up to +125°C for brief periods)
- Optimal compression set for securing
- Vacuum stability up to -0.6 bar (2 TE) or up to -0.8 bar (3 TE)

Application

The hydraulic hoses are ideally suited for the secure transport of hydraulic oil based on mineral oil. They are resistant to oil and grease as well as ozone and UV radiation. Design in accordance with DIN EN 854.

Technical Data – 1 TE

DN		ID	OD	Operating pressure		Bursting pressure		Smallest bending radius	Weight (aprx.)
mm	in	mm	mm	bar	psi	bar	psi	mm	g/m
5	3/16	4.8	10.8	25	363	100	1450	35	105
6	1/4	6.4	12.4	25	363	100	1450	45	120
8	5/16	7.9	13.9	20	290	80	1160	65	140
10	3/8	9.5	15.5	20	290	80	1160	75	160
12	1/2	12.7	18.7	16	232	64	928	90	190
16	5/8	15.9	22.9	16	232	64	928	115	290
20	3/4	19	26	12	174	40	580	135	320
25	1	25.4	33.4	12	174	40	580	165	490

Technical Data – 2 TE

DN		ID	OD	Operating pressure		Bursting pressure		Smallest bending radius	Weight (aprx.)
mm	in	mm	mm	bar	psi	bar	psi	mm	g/m
5	3/16	4.8	11.8	80	1160	320	4640	35	105
6	1/4	6.4	13.4	75	1088	300	4350	40	160
8	5/16	7.9	14.9	68	986	270	3915	50	170
10	3/8	9.5	16.5	63	914	250	3625	60	200
13	1/2	12.7	19.7	58	841	232	3364	70	250
16	5/8	15.9	23.9	50	725	200	2900	90	340
20	3/4	19	27	45	653	180	2610	110	390
25	1	25.4	34.5	40	580	160	2320	150	570
32	1 1/4	31.8	40.8	35	508	140	2030	190	636

Technical Data – 3 TE

DN		ID	OD	Operating pressure		Bursting pressure		Smallest bending radius	Weight (aprx.)
mm	in	mm	mm	bar	psi	bar	psi	mm	g/m
6	1/4	6.4	14.4	145	2104	580	8415	45	160
8	5/16	7.9	16.9	130	1886	520	7544	55	220
10	3/8	9.5	18.5	110	1596	440	6384	70	250
12	1/2	12.7	21.7	93	1349	372	5397	85	320
16	5/8	15.9	25.9	80	1161	320	4643	105	410
20	3/4	19	29	70	1016	280	4062	130	490
25	1	25.4	35.9	55	798	220	3192	150	640
32	1 1/4	31.8	42.3	45	653	180	2611	190	790
40	1 1/2	38.1	49.6	40	580	160	2320	240	1060
50	2	50.8	62.3	33	478	132	1914	300	1390
60	2 3/8	60	72	25	362	100	1450	400	1710

Pressure information in relation to room temperature. High pressure and/or temperature lead to a reduction in service life. Further dimensions available on request.