

Hydraulic hoses TrAle

TrAle steel braid

EN 853 1SN / SAE 100 R1AT Hose

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Composition:

- Inner tube: special synthetic rubber resistant to hydraulic oil.
- Reinforcement: one braid of steel wire.
- Cover: synthetic rubber resistant to oil, abrasion and weather.

Working temperature: From -40° C to +100° C.

Part n°	DN	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)
MS223003	3/16"	5	11,8	250	3.625	1.000	14.500	-0,8	90	0,2
MS223004	1/4"	6,3	13	225	3.262,5	900	13.050	-0,8	100	0,25
MS223005	5/16"	8,2	14,6	215	3.117,5	850	12.325	-0,8	115	0,31
MS223006	3/8"	9,8	17	180	2.610	720	10.440	-0,8	130	0,36
MS223008	1/2"	12,9	20,1	160	2.320	640	9.280	-0,8	180	0,45
MS223010	5/8"	16,2	23,3	130	1.885	520	7.540	-0,8	200	0,52
MS223012	3/4"	19,2	27,4	105	1.522,5	420	6.090	-0,8	240	0,65
MS223016	1"	25,3	35	88	1.276	350	5.075	-0,8	300	0,91
MS223020	1"1/4	32,2	42,8	63	913,5	250	3.625	-0,6	420	1,3
MS223024	1"1/2	38,2	49,2	50	725	200	2.900	-0,6	500	1,7
MS223032	2"	51,2	63	40	580	160	2.320	-0,6	630	2

Hydraulic hoses TrAle

TrAle steel braid

EN 857 2SC Hose

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Composition:

- Inner tube: special synthetic rubber resistant to mineral, vegetable and hydraulic oil.
- Reinforcement: two braids of steel wire.
- Cover: synthetic rubber resistant to oil, abrasion and weather.

Working temperature: From -40° C to +100° C.

Part n°	DN	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)
M2SC04	1/4"	6,6	13	400	5.800	1.600	23.200	-0,95	75	0,25
M2SC05	5/16"	8,3	14,6	350	5.075	1.400	22.050	-0,95	85	0,30
M2SC06	3/8"	9,9	16,6	330	4.785	1.320	19.140	-0,95	90	0,37
M2SC08	1/2"	13	20	275	3.990	1.100	15.950	-0,95	130	0,45
M2SC10	5/8"	16,4	23,9	250	3.625	1.000	14.500	-0,80	170	0,61
M2SC12	3/4"	19,5	27,6	215	3.120	860	12.470	-0,80	200	0,76
M2SC16	1"	26	35,6	165	2.395	660	9.570	-0,80	250	1,15

Hydraulic hoses TrAle

TrAle steel braid

3SP Braids hoses

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Temperature range: From -40°C upto +100°C

Composition:

- Inner tube: special synthetic rubber resistant to mineral, vegetable and hydraulic oil.
- Reinforcement: three braids of steel wire.
- Cover: synthetic rubber, resistant to oil, abrasion and weather.

Part n°	DN	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MS36010600	3/8"	9,9	20,9	445	6.454	1.780	25.816	120	0,66
MS36010800	1/2"	13	24,1	425	6.164	1.700	24.656	160	0,890
MS36011000	5/8"	16,4	27,8	350	5.076	1.400	20.305	210	1,100
MS36011200	3/4"	19,5	31,1	350	5.076	1.400	20.305	260	1,330
MS36011600	1"	26	38,8	280	4.061	1.120	16.244	310	1,870

Hydraulic hoses TrAle

TrAle steel braid

EN 856 4SH Hose

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Composition:

- Inner tube: special synthetic rubber resistant to mineral, vegetable and hydraulic oil.
- Reinforcement: four braids of steel wire.
- Cover: synthetic rubber, resistant to oil, abrasion and weather.

Working temperature: From -40° C to +100° C.

Part n°	DN	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MS456912	3/4"	19	31,5	420	6.090	1.680	24.360	280	1,7
MS456916	1"	25,2	38,5	380	5.510	1.520	22.040	340	2,5
MS456920	1"1/4	32,2	45,2	350	4.712,5	1.400	18.850	460	3
MS456924	1"1/2	38,5	53,5	290	4.206	1.160	16.824	560	3,6
MS456932	2"	51,2	68,1	250	3.625	1.000	14.504	700	5

Hydraulic hoses TrAle

TrAle Textile braid

EN 854 R6 / SAE 100 R6 Hose

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Composition:

- Inner tube: special NBR rubber resistant to hydraulic oil.
- Reinforcement: one textile braid.
- Cover: synthetic rubber resistant to oil, abrasion and weather.

Working temperature: From -40°C to +100°C

Part n°	DN	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MSB2104	1/4"	6,3	13	28	406	112	1.624	65	0,16
MSB2105	5/16"	8,2	14,5	28	406	112	1.624	80	0,24
MSB2106	3/8"	9,8	16,5	28	406	112	1.624	80	0,29
MSB2108	1/2"	12,9	20	28	406	112	1.624	100	0,39
MSB2110	5/8"	16,2	23	24	348	96	1.392	125	0,5
MSB2112	3/4"	19,2	26,5	21	304,5	83	1.203,5	150	0,6
MSB2116	1"	25	34,5	20	290	80	1.160	170	0,75

Hydraulic hoses TrAle

TrAle Textile braid

SAE 100 R4 Hose

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Composition:

- Inner tube: special NBR rubber resistant to hydraulic oil.
- Reinforcement: two textile braids with one steel wire helix.
- Cover: black rubber resistant to oil, abrasion and weather.

Working temperature: From -40° C to +100° C.

Part n°	DN	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)
ML701019	3/4"	19	32	21	305	84	1.218	-0,8	127	0,725
ML701025	1"	25,4	37,4	17	247	68	986	-0,8	152	0,847
ML701032	1"1/4	31,8	45	14	203	56	812	-0,8	203	1,118
ML701038	1"1/2	38,1	52	10	145	40	580	-0,8	254	1,454
ML701050	2"	50,8	64	7	102	28	406	-0,8	305	1,837
ML701063	2"1/2	63,5	77	4	58	16	232	-0,8	356	2,310