

Oil and fuel hoses



TIP Approved for use by many auto manufacturers!

Fuel hoses with vulcanised textile braid

DIN 73379 (3/82)

Temperature range: Diesel, water, air and heating oil: -30°C to +80°C (fuels with up to 50% benzene content: -30°C to +70°C)

Operating range: For commercially available fuels such as petrol (E10 suited), diesel, heating oil, air and water
Roll length: 20 m

Type	Hose Ø internal	Hose Ø external	Operating pressure
KRAFT 47	3.2	7.0	7 bar
KRAFT 510	4.5	9.5	7 bar
KRAFT 611	5.5	10.5	7 bar
KRAFT 813	7.5	12.5	7 bar
KRAFT 915	9.0	15.0	7 bar
KRAFT 1117	11.0	17.0	7 bar
KRAFT 1523	15.0	23.0	10 bar
KRAFT 2533	25.0	33.0	7 bar

Fuel hoses for bio-diesels

DIN 73379-3E (11/97)

Materials: Inner layer: FKM, intermediate and outer layer: ECO with poly-aramide insert, ozone, oil and ozone crack resistant

Temperature range: -30°C to max. +110°C, temporary to max. +135°C (type KRAFT 49 OKO, KRAFT 814 OKO and KRAFT 1422 OKO: -40°C to max. +125°C, temporary to +140°C)

Operating range: For all commercially available fuels including RME (rape seed methyl ester), alcohol fuels and E10
Roll length: 20 m

Type	Hose Ø internal	Hose Ø external	Operating pressure
KRAFT 49 OKO	3.2	9.0	10 bar
KRAFT 612 OKO	5.5	11.5	6 bar
KRAFT 814 OKO	7.3	13.5	10 bar
KRAFT 1017 OKO	9.3	15.3	10 bar
KRAFT 1118 OKO	11.3	18.0	6 bar
KRAFT 1422 OKO	14.0	22.0	10 bar



Low pressure fittings & presses can be found in the Online Shop

Heat resistant rubber hoses OLN M1L (up to +100°C)

Materials: Liner hose fitting: Synthetic rubber (NBR), reinforcement carrier: 1 Rayon braiding (from DN 25: 2 rayon braids with steel wire coil), outer layer: Abrasion proof synthetic rubber (CR), ozone and tear resistant

Temperature range: Mineral oil, hydraulic fluids and grease nipples, -40°C to max. +100°C (temporary to max. +120°C), oil bearing air -40°C to max. +100°C, heating oil (EL/L), diesel fuel: -40°C to max. +40°C

Operating range: Engine lubricants, hydraulic fluids, grease nipple, diesel fuels, heating oil (EL/L), oil bearing air and vacuum. Please inquire as to other media. Not suitable for glycol and glycol-water mixes, as well as biodiesel and rape seed methyl ester (RME).

Type	Hose Ø internal	Hose Ø external	Min. bend radius	Operating pressure
OLN M1L 4	4	10.0	30	-0.9 bar to 40 bar
OLN M1L 6	6	12.0	40	-0.9 bar to 60 bar
OLN M1L 8	8	14.0	50	-0.9 bar to 50 bar
OLN M1L 9	9	15.0	50	-0.9 bar to 40 bar
OLN M1L 11	11	18.0	65	-0.9 bar to 30 bar
OLN M1L 13	13	22.0	90	-0.9 bar to 30 bar
OLN M1L 16	16	25.0	110	-0.9 bar to 20 bar
OLN M1L 20	20	30.0	130	-0.8 bar to 30 bar
OLN M1L 25	25	35.5	150	-0.9 bar to 33 bar
OLN M1L 32	32	42.5	180	-0.9 bar to 25 bar



Heat resistant rubber hoses OLN M4M (up to +135°C)

Materials: Liner hose fitting: Synthetic rubber (AEM), reinforcement carrier: 1 polyamide braiding (from DN 25: 2 polyamide braids with steel wire coil), outer layer: Abrasion proof synthetic rubber (AEM), ozone and tear resistant

Temperature range: -40°C to max. +135°C, (temporary to max. +150°C)

Operating range: Engine lubricants, hydraulic fluids, grease nipple, oil bearing air and vacuum.

Please inquire as to other media. Not suitable for glycol and glycol-water mixes, diesel and biodiesel fuels, rape seed methyl ester (RME), and heating oil (EL/L).

Type	Hose Ø internal	Hose Ø external	Min. bend radius	Operating pressure
OLN M4M 6	6.0	12.0	40	-0.9 bar to 50 bar
OLN M4M 8	8.0	14.0	50	-0.9 bar to 35 bar
OLN M4M 9	9.5	15.5	55	-0.9 bar to 30 bar
OLN M4M 12	12.0	19.0	70	-0.9 bar to 30 bar
OLN M4M 13	13.0	20.0	75	-0.9 bar to 25 bar
OLN M4M 16	16.0	24.0	90	-0.9 bar to 25 bar
OLN M4M 20	20.0	30.0	130	-0.9 bar to 20 bar
OLN M4M 25	25.0	35.5	130	-0.9 bar to 25 bar
OLN M4M 32	32.0	43.5	160	-0.9 bar to 20 bar



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.