

INDUSTRIAL HOSES - petrochemical

General purpose hoses for fuel and oil

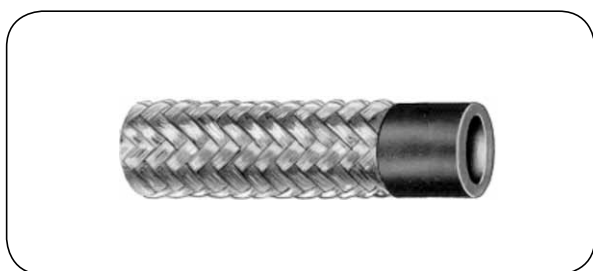


NAFTREX / B

Internal layer: Black NBR rubber
External layer: Black textile braid protecting against heat
Working temp.: From -40°C up to +120°C

Developed for fuel and cooling systems. Working temperature depends on the medium: for fuels with aromatic content up to 50% it is +40°C; for diesel oil, air, non-oxidative liquid detergents it is +80°C; for water, glycol-based cooling liquids it is +90°C. Fulfills DIN 73379 standard.

code	I.D. [mm]	wall thickness [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	standard length [m]
BG-NAFTREX-B-03,2	3.2	1.9	7	10	30	20
BG-NAFTREX-B-03,5	3.5	2	7.5	10	30	20
BG-NAFTREX-B-04	4	2.5	9	10	30	20
BG-NAFTREX-B-04,5	4.5	2.5	9.5	10	30	20
BG-NAFTREX-B-05	5	2.5	10	10	30	20
BG-NAFTREX-B-05,5	5.5	2.5	10.5	10	30	20
BG-NAFTREX-B-06	6	2.5	11	10	30	20
BG-NAFTREX-B-07	7	2.5	12	10	30	20
BG-NAFTREX-B-07,5	7.5	2.5	12.5	10	30	20
BG-NAFTREX-B-08	8	2.5	13	10	30	20
BG-NAFTREX-B-09	9	2.5	14	10	30	20
BG-NAFTREX-B-11,5	11.5	2.75	17	10	30	20



GALVOIL / L

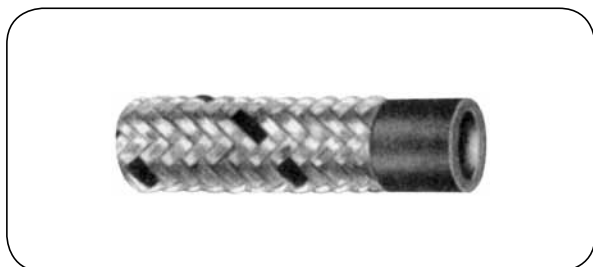
Internal layer: Black NBR rubber
Reinforcement: External steel braid
Working temp.: From -35°C up to +90°C

Delivery hose designed to transfer transmission, heating and diesel oil as well petrochemical products. Internal layer resistant to oil and fuel. Manufactured according to ISO 1307 standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SL-GALVOIL-L-06	6	11	25	75	30	0.16	100
SL-GALVOIL-L-08	8	13	25	75	40	0.23	100
SL-GALVOIL-L-10	10	15	25	75	50	0.28	100
SL-GALVOIL-L-13	13	19	20	60	65	0.38	50
SL-GALVOIL-L-16	16	22	20	60	80	0.46	50

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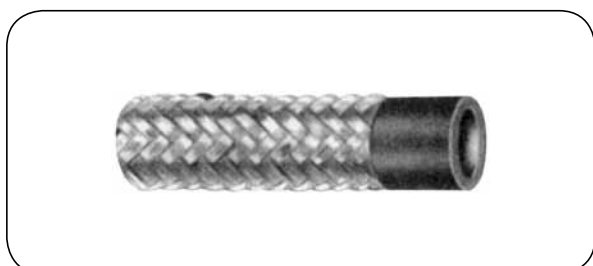


PZ

Internal layer: Black synthetic rubber
Reinforcement: External steel braid
Working temp.: From -35°C up to +80°C

Developed for use in fuel and oil installations. Manufactured according to DIN 73379 standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	standard length [m]
EC-101005	4.5	9.5	20	60	100
EC-101006	5.5	10.5	20	60	100
EC-101008	7.5	12.5	15	50	100
EC-101010	9	14	15	50	100
EC-101012	11.5	18	15	50	100
EC-101015	14.5	22	15	50	100
EC-101018	17	25	15	50	100
EC-101020	19	29	10	50	100



PZVA

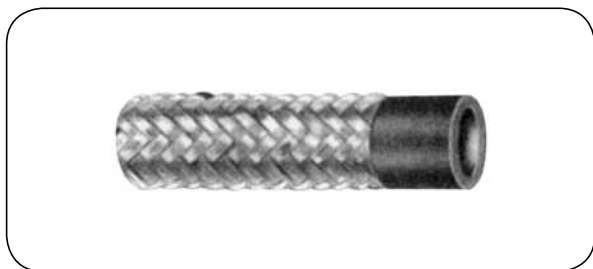
Internal layer: Black synthetic rubber
Reinforcement: Stainless steel external braid
Working temp.: From -35°C up to +80°C

Developed for use in fuel and oil installations. Manufactured according to DIN 73379 standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	standard length [m]
EC-101356	5.5	10.5	20	60	100
EC-101358	7.5	12.5	15	50	100
EC-101360	9	15	15	50	100
EC-101362	11.5	18	15	50	100

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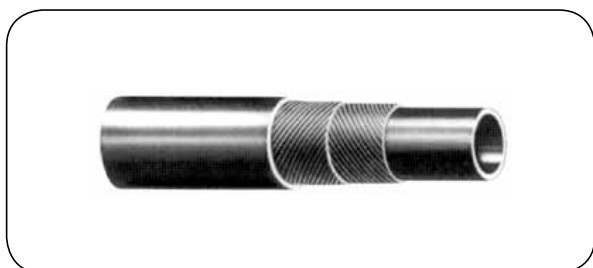


FPM / ECO

Internal layer: Viton (FPM)
Reinforcement: Textile braid
External layer: Synthetic rubber
Working temp.: From -35°C up to +80°C

Special multilayer hose designed to transfer biofuels, particularly those based on rapeseed oil. Resistant to Rape-seed Methyl Ester (RME).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	standard length [m]
EC-101402	3.2	9	25	80	100
EC-101155	5.5	11.5	15	50	100
EC-101158	7.5	14.5	15	40	100
EC-101160	9.5	16.5	15	40	100
EC-101162	11.5	18.5	15	40	100



CARBUR 10-20 BAR

Internal layer: Black NBR rubber
Reinforcement: Robust synthetic fabric
External layer: Black PVC/NBR compound
Working temp.: From -20°C up to +70°C

Flexible, delivery hose designed to transfer liquid petrochemical products with aromatic content up to 50%. Suitable for oil systems, lubrication systems, etc. Antistatic internal layer - $R \leq 10^6 \Omega/m$. External layer resistant to fuel, oil, weather conditions, ozone and abrasion.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
CARBUR 10 bar							
IV-CARBUR10-05	5	12	10	30	40	0.2	100
IV-CARBUR10-06	6	13	10	30	50	0.4	100
IV-CARBUR10-08	8	15	10	30	65	0.7	100
IV-CARBUR10-10	10	17	10	30	80	0.20	100
IV-CARBUR10-13	13	20	10	30	105	0.24	60
IV-CARBUR10-15	15	23	10	30	120	0.32	60
IV-CARBUR10-19	19	27	10	30	150	0.39	60
IV-CARBUR10-25	25	35	10	30	200	0.63	40
CARBUR 20 bar							
IV-CARBUR20-06	6	14	20	60	60	0.17	100
IV-CARBUR20-08	8	17	20	60	65	0.24	100
IV-CARBUR20-10	10	19	20	60	80	0.28	100

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CODAN 3106

Internal layer: Black NBR/PVC compound

External layer: Black polyester braid

Working temp.: From -30°C up to +100°C

Flexible hose for leaded and unleaded petrol. It is used to connect e.g. a carburetor and a fuel pump in cars, motorcycles, mopeds, garden tractors, etc. Not suitable for engines with an injection system. Parameters similar to those of DIN 73379 B:1984 standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
CO-3106-032	3.2	7.2	12.5	50	20	0.044	30
CO-3106-035	3.5	7.5	12.5	50	20	0.046	30
CO-3106-040	4	9	11	45	20	0.068	30
CO-3106-045	4.5	9.5	11	45	20	0.073	30
CO-3106-050	5	10	10	42	20	0.080	30
CO-3106-055	5.5	10.5	10	39	20	0.085	30
CO-3106-060	6	11	10	39	20	0.090	30
CO-3106-065	6.5	11.5	10	39	20	0.065	30
CO-3106-070	7	12	9	35	20	0.100	30
CO-3106-075	7.5	12.5	9	35	30	0.105	30
CO-3106-080	8	13	8	32	30	0.110	30
CO-3106-090	9	14	6	23	40	0.123	30
CO-3106-095	9.5	15	6	23	40	0.130	30
CO-3106-100	10	15	6	23	40	0.133	30
CO-3106-110	11	16	5	20	40	0.144	30
CO-3106-120	12	17	5	20	40	0.160	30
CO-3106-127	12.7	17.7	5	15	40	0.180	30



TU 40

Internal layer: Black NBR rubber

Reinforcement: Textile braid

External layer: Black SBR/NVC rubber

Working temp.: From -45°C up to +90°C
(for air from -45°C up to +70°C)

Delivery hose used to transfer fuels, diesel oil, heating oil (EN 590:2010) and air.
Conductive internal layer - $R < 10^6 \Omega/m$.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SP-681760435	4	11	40	160	50	0.11	50
SP-681760635	6	13	40	160	64	0.16	50
SP-681760835	8	15	40	160	73	0.19	50
SP-681761035	10	17	40	160	77	0.22	50

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TU 25

Internal layer: Black NBR rubber
Reinforcement: Textile braid
External layer: Black CR/SBR compound
Working temp.: From -40°C up to +80°C

Delivery hose designed to transfer unleaded fuel (EN 228:2008), diesel oil (EN 590:2010), heating oil (DIN 51 603 part 1-5) and air. Internal layer is conductive - $R < 10^6 \Omega/m$ according to EN ISO 8031:1997.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SP-681750649	6	14	25	80	40	0.17	100
SP-681750849	8	16	25	80	50	0.19	100
SP-681751040	10	18	25	80	60	0.23	50
SP-681751340	13	21	25	80	80	0.28	50
SP-681751645	16	25	25	80	100	0.38	50
SP-681751950	19	29	25	80	120	0.50	50
SP-681752555	25	36	25	80	150	0.73	50



FUB

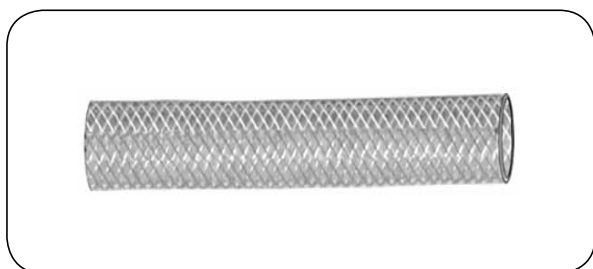
Internal layer: Black NBR rubber
Reinforcement: Textile braid
External layer: Black CR/NBR compound
Working temp.: From -40°C up to +100°C
 (for fuel from -30°C up to +70°C)

Delivery hose designed to transfer unleaded fuel (EN 228:2008), diesel oil (EN 590:2010). Suitable for fuel with methyl alcohol content up to 10%.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SP-680300330	3.2	9.2	12	40	38	0.08	50
SP-680300331	3.5	9.5	12	40	42	0.08	50
SP-680300430	4	10	12	40	48	0.08	50
SP-680300431	4.5	10.5	12	40	54	0.09	50
SP-680300530	5	11	12	40	60	0.10	50
SP-680300531	5.5	11.5	12	40	66	0.10	50
SP-680300630	6	12	12	40	72	0.10	50
SP-680300631	6.3	12.3	12	40	72	0.10	50
SP-680300730	7	13	12	40	84	0.12	50
SP-680300731	7.5	13.5	12	40	90	0.12	50
SP-680300830	8	14	12	40	96	0.13	50
SP-680300930	9	15	12	40	108	0.14	50
SP-680300931	9.5	15.5	12	40	114	0.15	50
SP-680301030	10	16	12	40	120	0.15	50
SP-680301130	11	17	12	40	132	0.16	50
SP-680301235	12	19	12	40	144	0.21	50

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TRICOFUEL®

Internal layer: Transparent, green PVC
Reinforcement: Polyester braid
External layer: Transparent, green PVC
Working temp.: From -15°C up to +60°C

Flexible delivery hose designed for oil and petrochemical products. Widely used in fuel installations, pumps and heaters. The material of the hose is particularly resistant to plasticizer wash-out.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
TR-TRICOFUEL-06	6.3	11	13	39	22	0.08	25
TR-TRICOFUEL-08	8	14	13	39	28	0.13	25
TR-TRICOFUEL-10	10	16	10	30	35	0.15	25
TR-TRICOFUEL-12	12	19	10	30	42	0.21	25
TR-TRICOFUEL-15	15	23	10	30	52.5	0.29	25
TR-TRICOFUEL-20	20	28	10	30	70	0.38	25
TR-TRICOFUEL-25	25	32.5	8	24	87.5	0.42	25
TR-TRICOFUEL-30	30	39	8	24	105	0.61	25



OIL COMPRESSOR®

Internal layer: Black synthetic rubber
Reinforcement: Synthetic braid
External layer: Blue, self-extinguishing synthetic rubber
Working temp.: From -30°C up to +130°C (with peaks up to +150°C)

Robust flexible hose used for oil (except ester-based products), hot air and diluted chemical products. External layer resistant to abrasion and weather conditions. External layer compliant with MSHA standard.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-COMPRESSOR-13	13	22	40	120	0.32	120
IV-COMPRESSOR-19	19	31	40	120	0.56	120
IV-COMPRESSOR-25	25	37	40	120	0.70	120
IV-COMPRESSOR-32	32	46	40	120	1.10	120
IV-COMPRESSOR-38	38	55	40	120	1.49	120
IV-COMPRESSOR-51	51	67	40	120	1.79	120

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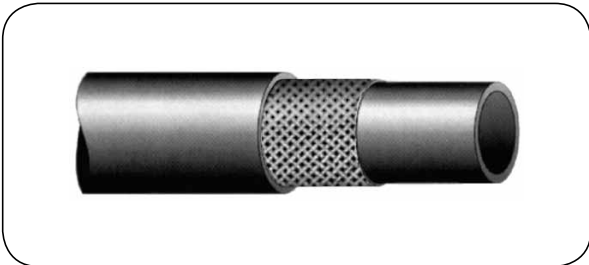


SAE 100 R4

Internal layer: Black synthetic rubber
Reinforcement: Synthetic braid, steel wire helix
External layer: Black synthetic rubber
Working temp.: From -40°C up to +100°C

Robust suction-delivery hose designed to transfer liquid petroleum products with aromatic content up to 30%. In particular used in hydraulic system as an oil return hose. Fulfills SAE 100 R4 standards. External layer resistant to abrasion, oil mist and weather conditions.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
IV-SAE100R4-19	19	30	21	94	125	0.61	120
IV-SAE100R4-25	25	38	17	71	152	0.90	120
IV-SAE100R4-30	30	41	17	60	185	0.91	120
IV-SAE100R4-32	32	43	14	56	200	0.96	120
IV-SAE100R4-35	35	47	13	52	230	1.17	120
IV-SAE100R4-38	38	49.5	10	43	250	1.26	120
IV-SAE100R4-40	40	53	10	35	255	1.44	120
IV-SAE100R4-42	42	54	10	35	260	1.37	120
IV-SAE100R4-45	45	56.5	10	35	280	1.41	120
IV-SAE100R4-51	51	64	7	30	305	1.78	120



HW - R6

Internal layer: Black synthetic rubber
Reinforcement: Synthetic braid
External layer: Black synthetic rubber
Working temp.: From -40°C up to +100°C

Characteristics: Delivery hose used in low-pressure hydraulic installations and to transfer hydraulic fluids, hydrocarbons, oils, fats, air water, etc. Excellent resistance to weather conditions, mineral and synthetic oils.

Standards: According to SAE 100 R6, EN 854 R6 standards.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-R6-06	6.4	12.3	28	112	65	0.100
HW-R6-08	7.9	13.9	28	112	80	0.125
HW-R6-10	9.5	15.5	28	112	80	0.150
HW-R6-13	12.7	19	28	112	100	0.200
HW-R6-16	15.9	22.6	24	96	125	0.250
HW-R6-19	19	25.8	21	84	150	0.300
HW-R6-25	25.4	33.2	9	36	170	0.450

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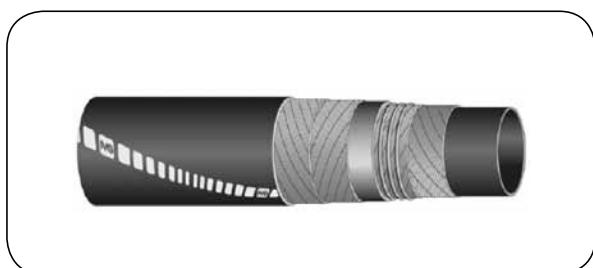


POSEIDON®

Internal layer: Black synthetic rubber
Reinforcement: Synthetic braid
External layer: Black, self-extinguishing synthetic rubber
Working temp.: From -30°C up to +100°C (EX: from -20°C up to +100°C)

Softwall, flexible delivery hose designed for fuel systems on boats, motor boats, yachts, etc. Complies with ISO 7840:13 A1 E10/B10, CE 94/25, SAE J 1527:11 USCG A1 type, approved by R.I.N.A.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-POSEIDON-EX-06	6	14	3.4	13.6	0.21	100
IV-POSEIDON-EX-08	8	16	3.4	13.6	0.25	100
IV-POSEIDON-EX-10	10	19	3.4	13.6	0.34	60
IV-POSEIDON-EX-13	13	22	2.5	10	0.41	60
IV-POSEIDON-EX-16	16	25	2.5	10	0.48	60
IV-POSEIDON-EX-19	19	28	2.5	10	0.55	40
IV-POSEIDON-22	22	32.5	10	30	0.58	120
IV-POSEIDON-25	25	35.5	10	30	0.64	120
IV-POSEIDON-30	30	40.5	10	30	0.75	120
IV-POSEIDON-32	32	42.5	10	30	0.79	120
IV-POSEIDON-35	35	45.5	10	30	0.85	120
IV-POSEIDON-38	38	48.5	10	30	0.92	120
IV-POSEIDON-40	40	50.5	10	30	0.94	120
IV-POSEIDON-45	45	55.5	10	30	1.04	120
IV-POSEIDON-50	50	60.5	10	30	1.14	120
IV-POSEIDON-60	60	71.5	10	30	1.52	120



POSEIDON / LL®

Internal layer: Black synthetic rubber
Reinforcement: Synthetic braid, steel wire helix
External layer: Black, self-extinguishing synthetic rubber
Working temp.: From -30°C up to +100°C

Softwall, flexible suction-delivery hose designed for fuel systems on boats, motor boats, yachts, etc. Complies with ISO 7840:13 A1 E10/B10, CE 94/25, SAE J 1527:11 USCG A1 type, approved by R.I.N.A.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
IV-POSEIDON-LL-19	19	30.5	10	30	57	0.70	120
IV-POSEIDON-LL-25	25	36.5	10	30	75	0.86	120
IV-POSEIDON-LL-35	35	47	10	30	105	1.21	120
IV-POSEIDON-LL-38	38	50	10	30	114	1.29	120
IV-POSEIDON-LL-45	45	58	10	30	135	1.64	120
IV-POSEIDON-LL-50	50	63	10	30	150	1.79	120
IV-POSEIDON-LL-63	63.5	77	10	30	190	2.45	120