

INDUSTRIAL HOSES

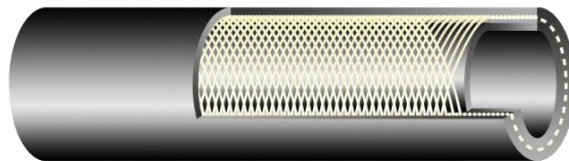


WATER HOSES

LONG-SU 6 BAR

Gardening and general water discharge services.

- Temperature range: -25°C / +70°C.
- Tube: NBR/SBR / Natural and synthetic rubber.
- Cover: SBR, weather and abrasion resistant smooth synthetic rubber.
- Reinforcement: High tensile synthetic textile.
- Norm: **ISO 1307 / EN ISO 1403**.

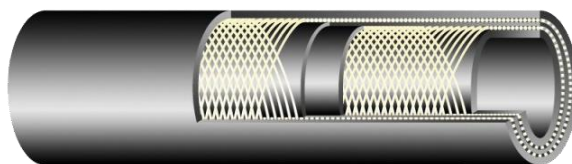


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
10	16	6	18	100	100
13	19	6	18	130	100
16	23	6	18	160	100
19	27	6	18	190	100
25	34	6	18	230	100

EGE-10

Industrial and construction services with medium pressure requirement.

- Temperature range: -25°C / +70°C.
- Tube: NBR/SBR / Natural and synthetic rubber.
- Cover: SBR, Weather and Ozone resistant synthetic rubber.
- Reinforcement: 2 high tensile synthetic textile.
- Norm: **TS 2420-2 / EN ISO 1403 / ISO 1307**.



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
10	17	10	30	40
12,7	20	10	30	40
16	23	10	30	40
19	27	10	30	40
25,4	33	10	30	40
32	41	10	30	40
38	47	10	30	40
44,5	54	10	30	40
50,8	60	10	30	40
63,5	74	10	30	40
70	82	10	30	40
76,2	88	10	30	40
101,6	115	10	30	40
127	140	10	30	40
152,4	165	10	30	40
203,2	222	10	30	20-40
254	270	10	30	20

M-FLEX AQUAFLEX

A highly flexible hose for suction and discharge of industrial water in industrial and construction services, abrasion and weather resistant cover, dimensionally stable and highly flexible.



- Temperature range: -25°C / +70°C.
- Tube: NR / SBR.
- Cover: SBR.
- Reinforcement: 2 high tensile synthetic textile braids and steel helix wire.
- Norm: **ISO 1307**.

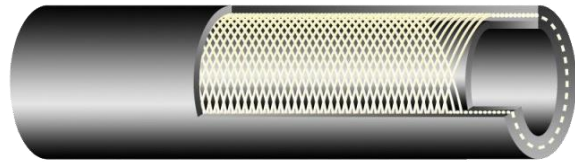
Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
19	29	10	30	114	40
25,4	35	10	30	153	40
32	42	10	30	192	40
38	48	10	30	228	40
44,5	55	10	30	267	40
51	62	10	30	306	40
63,5	75	10	30	381	40
70	86	10	30	420	40
76,2	89	10	30	458	40
101,6	115	10	30	610	40
127	144	10	30	762	20-40
152,4	169	10	30	915	20-40
203,2	224	10	30	1219	20
254	275	10	30	1524	10
304,8	327	10	30	1829	10

STEAM AND HOT WATER HOSES

ISI L/L

For delivery of hot water with very light chemical content in industrial applications.

- Temperature range: -40°C do +125°C.
- Tube: EPDM.
- Cover: Abrasion, heat, ozone and weather resistant, smooth EPDM rubber.
- Reinforcement: High tensile synthetic textile.
- Norm: **DIN 73411 / TS 548 / ISO 1307.**



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
6	12	5	15	40	50
8	14	5	15	50	50
10	16	5	15	65	50
13	20	5	15	80	50
16	23	5	15	95	50
19	27	5	15	110	50
25	35	5	15	145	50

ISI RADIATOR

For conveying hot water mixed with anti-freeze liquids in cooling systems, automotive and stationary engines.

- Temperature range: -40°C do +125°C.
- Tube: Heat and anti-freeze liquids resistant EPDM rubber.
- Cover: Heat, ageing and weather resistant EPDM rubber.
- Reinforcement: 2 High tensile synthetic textile.
- Norm: **DIN 73411 / TS 548 / ISO 1307.**



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
12,7	19	4	12	40
16	22	4	12	40
18	24	4	12	40
19	25	4	12	40
20	26	4	12	40
22	28	4	12	40
25,4	32	4	12	40
28	34,5	4	12	40
30	38	4	12	40
32	40	4	12	40
35	43	4	12	40
38	47	4	12	40
40	49	4	12	40
42	51	4	12	40
44,5	54	4	12	40
48	57,5	4	12	40

50,8	60	4	12	40
55	65	4	12	40
60	70	4	12	40
63,5	73,5	4	12	40
70	80	4	12	40
76,2	86	4	12	40
80	90	4	12	40
90	100	4	12	40
101,6	111,5	4	12	40

BUHAR 170, STEAM 165°C

This hose is assigned to general saturated steam services.

- Temperature range: -40°C do +165°C.
- Tube: EPDM rubber, resistant to saturated steam
- Cover: Abrasion, heat, steam, ozone and weather resistant, PIN-PRICKED special synthetic rubber.
- Reinforcement: 4 high tensile synthetic textile braids.
- Norm: **TS 2149 Class1 / Type 1- ISO 1307.**

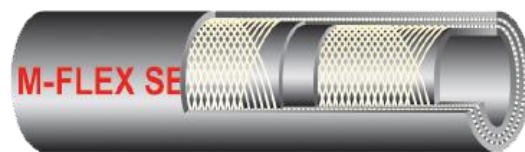


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
9,5	21,5	7	70	65	40
12,7	24	7	70	80	40
16	30	7	70	100	40
19	33	7	70	135	40
25,4	39,5	7	70	170	40
32	47	7	70	240	40
38	53	7	70	300	40
44,5	60	7	70	335	40
50,8	67,5	7	70	375	40
63,5	81	7	70	500	40
76,2	98	7	70	610	40
101,6	124	7	70	815	40

SEWER FLUSHING HOSES

M-FLEX SEWAGE SUPERIOR 250 BAR

A highly flexible hose for cleaning and rinsing of sewage systems, highly abrasion and weather resistant cover, the smooth cover provides a low friction coefficient and is easily cleaned.



- Temperature range: -40°C / +80°C.
- Cover: SBR.
- Tube: SBR.
- Reinforcement: 2 high tensile synthetic textile braids and aramid yarn.
- Norm: EN ISO 6945; ZH 1/406; DIN 50049.3.1B / EN 10 204.3.1B.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
13	25,1	250	625	65	120
16	28,1	250	625	80	120
19	31,6	250	625	90	120
25	39,3	250	625	100	120
32	48	250	625	140	120

M-FLEX SEWAGE PU SUPERIOR 250 BAR

A highly flexible hose for cleaning and rinsing of sewage systems, light construction and highly abrasion cover, the smooth cover provides a low friction coefficient and is easily cleaned.

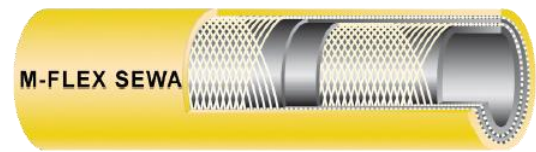


- Temperature range: -20°C / +60°C.
- Cover: PE.
- Tube: TPU.
- Reinforcement: 1 aramid braid, 1 high tensile polyester braid.

Inside diameter	Working pressure	Bursting pressure	Bending radius	Weight	Coil length
mm	bar	bar	mm	g/m	m
19,2	250	625	125	380	180
25,4	250	625	150	600	180
32	250	625	225	925	180

M-FLEX SEWAGE PU 200 BAR

A highly flexible hose for cleaning and rinsing of sewage systems, light construction and highly abrasion cover, the smooth cover provides a low friction coefficient and is easily cleaned.

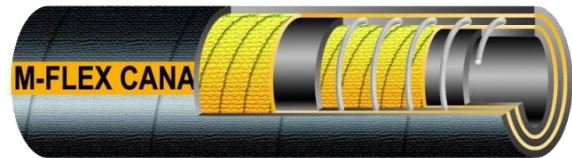


- Temperature range: -20°C / +60°C.
- Cover: PE.
- Tube: TPU.
- Reinforcement: 2 high tensile polyester braids.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
19	29	200	530	125	120
25	38	200	530	150	120
32	48	200	530	225	120

M-FLEX CANAL SPECIAL

Suction and delivery hose, specially designed as a “cassette extension hose” for high pressure sewer cleaning and waste suction vehicles, dimensionally stable and highly flexible, high vacuum resistance (up to -0,9 bar), high abrasion resistance inside and outside.



- Temperature range: -35°C / +80°C.
- Cover: NR/SBR/BR.
- Tube: SBR.
- Reinforcement: Textile wrapped, steel wire helix.

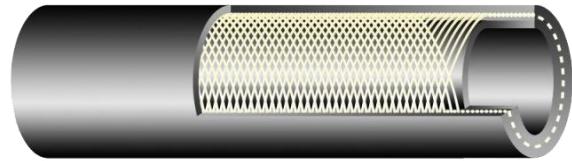
Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
100	116	6	18	400	40
127	146	6	18	600	40
150	170	6	18	720	40

COMPRESSED AIR HOSES

LONG-KOMP 10 BAR

For pneumatic equipment and tools.

- Temperature range: -25°C / +70°C.
- Tube: Oil-mist resistant natural and synthetic rubber.
- Cover: Abrasion, Ozone and weather resistant, smooth natural and synthetic rubber.
- Reinforcement: High tensile synthetic textile.
- Norm: **ISO 1307**.

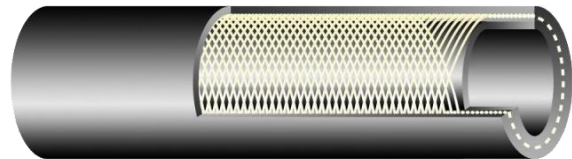


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
4,5	10	10	40	25	100
6	11	10	40	35	100
8	14	10	40	45	100
10	16	10	40	55	100
13	19	10	40	70	100
16	23	10	40	90	100
19	27	10	40	105	100
25	34	10	40	135	100

LONG-KOMP 20 BAR

Medium duty service for air and pneumatic tools specially quarries and construction.

- Temperature range: -25°C / +70°C.
- Tube: Oil-mist resistant natural and synthetic rubber.
- Cover: Abrasion, Ozone and weather resistant, smooth natural and synthetic rubber.
- Reinforcement: High tensile synthetic textile.
- Norms: **ISO 1307**.



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
6	13	20	64	30	100
8	15	20	64	35	100
10	18	20	64	40	100
13	22	20	64	60	100
16	25	20	64	75	100
19	29	20	64	90	100
25	37	20	64	120	100

PRIME

To convey air, oil, cold / hot water and non-aggressive chemicals.

- Temperature range: -40°C / +120°C.
- Tube: EPDM rubber.
- Cover: Abrasion, heat, ozone and weather resistant smooth EPDM rubber.
- Reinforcement: High tensile synthetic textile.
- Norms: **ISO 1307**.

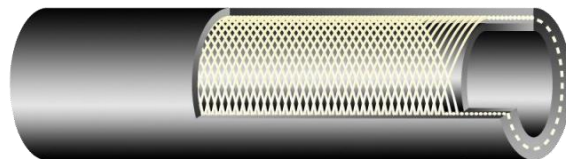


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
6	13	20	60	30	100
8	15	20	60	35	100
10	18	20	60	40	100
13	22	20	60	60	100
16	25	20	60	80	100
19	29	20	60	90	100
25	37	20	60	120	100

LONG-MULTI MULTIPURPOSE

Medium duty service for air and pneumatic tools specially quarries and construction.

- Temperature range: -40°C / +100°C.
- Tube: special synthetic rubber NR/SBR.
- Cover: Abrasion, heat, ozone and weather resistant smooth special rubber SBR/NBR.
- Reinforcement: High tensile synthetic textile.
- Norms: **ISO 1307**.

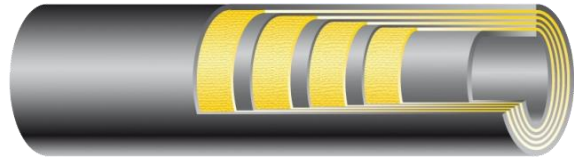


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
6	13	20	60	30	100
8	15	20	60	35	100
10	18	20	60	40	100
13	22	20	60	60	100
16	25	20	60	80	100
19	29	20	60	90	100
25	37	20	60	120	100

SKY-20

Medium duty service for air and pneumatic tools especially in mines, quarries and constructions.

- Temperature range: -25°C / +70°C.
- Tube: Oil-mist resistant natural and synthetic rubber.
- Cover: Abrasion, Ozone and weather resistant synthetic rubber.
- Reinforcement: High tensile synthetic textile.
- Norms: **ISO 1307 / TS 745 / EN ISO 2398 TYPE 4.**



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
12,7	22	20	64	65	40
16	25	20	64	80	40
19	29	20	64	95	40
25,4	36	20	64	125	40
32	44	20	64	300	40
38	51	20	64	360	40
44,5	60	20	64	400	40
50,8	65	20	64	450	40
63,5	80	20	64	600	40
76,2	92	20	64	750	40
101,1	118	20	64	1000	40

SELBRAKE-2

Used in automotive air brake systems.

- Temperature range: -40°C / +80°C.
- Tube: Oil-mist resistant natural and synthetic rubber.
- Cover: Abrasion, Ozone and weather resistant synthetic rubber.
- Reinforcement: 2 high tensile synthetic textile.
- Norms: **DIN 74310.**



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
11	18	10	25	89	10-100
13	25	10	25	102	10-100

AIR CONDITIONING HOSES

GOOD YEAR

Designed specifically for automotive and commercial lines carrying **Freon 12, R134A, Suva MP52 and R22**.

- Temperature range: -35°C / +125°C.
- Cover: CR.
- Tube: EPDM.
- Reinforcement: 2 polyester spirals
- Norms: **SAE J 2064**.



Size	Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Length
inch	mm	mm	bar	bar	mm	m
5/16	7,9	18,3	24	121	102	>10
3/8	10,3	22,4	24	121	114	>10
1/2	12,7	24,6	24	121	127	>10
5/8	15,9	27,7	17	86	165	>10

SELKLIMA-G

Hose assigned to the flow of liquid gas **R134A** in air-conditioning systems.

- Temperature range: -30°C / +125°C.
- Cover: Special butyl compound.
- Tube: Synthetic oil resistance rubber. PIN PRICKED.
- Reinforcement: High tensile steel wire braid.
- Norms: **SAE J 2064 TYPE A CLASS 1**.

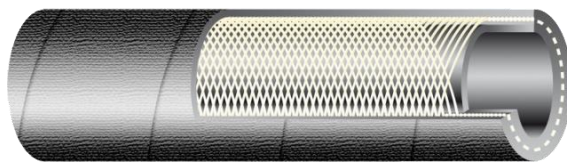


Size	Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Length
inch	mm	mm	bar	bar	mm	m
3/16	4,8	13	35	137	85	>10
1/4	6,4	14,9	35	137	85	>10
5/16	8	17,2	35	137	85	>10
13/32	10,3	19,3	35	137	95	>10
1/2	12,7	23,4	35	137	115	>10
5/8	16	27,3	35	137	135	>10
7/8	22,2	31,2	35	137	155	>10
1 1/8	28,6	38	35	137	190	>10

SELKLIMA-GC

For the transfer of **R134A** gas and liquid in air conditioning systems for automotive industry.

- Temperature range: -30°C / +125°C.
- Tube: Special butyl rubber with very low gas permeation.
- Cover: Special synthetic pin-pricked rubber, resistant to high temperature applications.
- Reinforcement: High tensile synthetic textile braid.
- Norms: **SAE J 2064 TYPE A CLASS 1**.

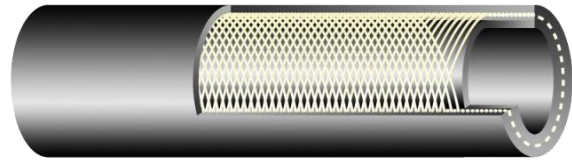


Size	Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Length
inch	mm	mm	bar	bar	mm	m
5/16	8	15,5	35	137	30	>10
13/32	10,3	18	35	137	50	>10
1/2	13	20	35	137	60	>10
5/8	16	23,5	35	137	80	>10

MINERAL OIL HOSES

MULTIPURPOSE OIL

A flexible hose suitable for unleaded fuels, diesel and heating oils, applications in industry, garages, filling stations and automobile repair shops.

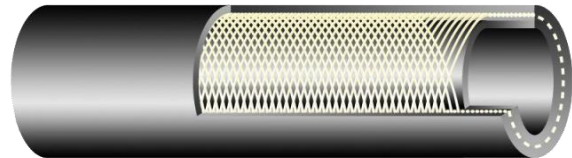


- Temperature range: -40°C / +80°C.
- Tube: Black, smooth, fuel and oil resistant conductive nitrile rubber.
- Cover: Black, smooth, oil, weather, heat and ozone resistant NBR/PVC rubber.
- Reinforcement: Textile spiral construction.
- Norms: **ISO 1307**.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
6	12	10	40	60	50
8	14	10	40	80	50
10	17	10	40	100	50
13	20	10	40	130	50
19	27	10	40	190	50
25	35	10	40	250	50

TEXTOL-20

For delivery of fuels in internal combustion engines for lubrication and greasing services.



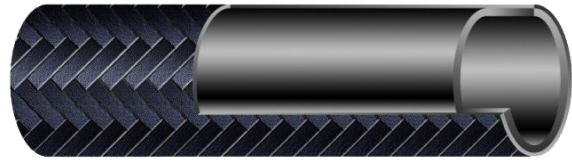
- Temperature range: -35°C / +70°C.
- Tube: Fuel and oil resistant, smooth NBR rubber.
- Cover: Abrasion, ozone, weather and oil resistant special synthetic rubber.
- Reinforcement: High tensile synthetic textile.
- Norms: **ISO 1307**.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
6	14	20	60	30	50
8	17	20	60	40	50
10	19	20	60	50	50
13	22,5	20	60	65	50
16	26	20	60	80	50
19	30	20	60	95	50
25	37	20	60	125	50

M-FLEX TEXTIL

A flexible hose for delivery of transmission oil, fuel oil, automotive gasoline etc.

- Temperature range: -40°C / +85°C.
- Tube: NBR
- Cover: Single textile braid.
- Norms: DIN 73379 Type B, ISO 1307.

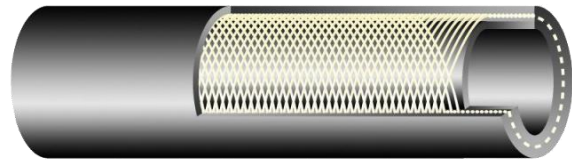


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
3,2	7	10	30	50
4	8	10	30	50
6	11	10	30	50

FUEL HOSE

Hose for the flow of mineral oils in car systems.

- Temperature range: -30°C / +100°C.
- Tube: NBR / PCV.
- Cover: NBR / PCV.
- Reinforcement: Textile spiral construction.

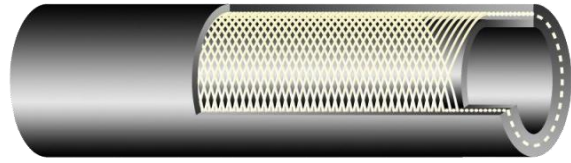


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
4,5	3	10	30	50
5,5	3	10	30	50
7,5	3	10	30	50
9	3	10	30	50
11	3	10	30	50

OIL-2A

For delivery of fuels in internal combustion engines for lubrication and greasing services.

- Temperature range: -40°C / +70°C.
- Tube: Fuel and oil resistant, smooth NBR rubber.
- Cover: Abrasion, ozone, weather and oil resistant special synthetic CR rubber.
- Reinforcement: High tensile synthetic textile.
- Norms: **DIN 73379**.



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
3,5	9,5	10	30	25	50-100
4	10	10	30	30	50-100
5	11	10	30	35	50-100
6	12	10	30	40	50-100
7	12	10	30	45	50-100
8	14	10	30	55	50-100
10	16	10	30	65	50-100
11	17	10	30	70	50-100
12,5	20	10	30	85	50-100
14	22	10	30	95	50-100
16	24	10	30	110	50-100

211 STEEL BRAIDED FUEL HOSE

For the flow of mineral oils in car systems.

- Temperature range: -30°C / +100°C.
- Tube: NBR.
- Cover: NBR.
- Reinforcement: Steel wire braiding.



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
3,5	8,5	25	75	50
4,5	9,5	25	75	50
5,5	10,5	25	75	50
7,5	12,5	25	75	50
9,5	15	25	75	50
11	17,5	25	75	50
14	21,5	25	75	50

OIL TUBE PETROL PUMP

Oil discharge services.

- Temperature range: -35°C / +70°C.
- Tube: Oil and fuel resistant Nitrile rubber.
- Norm: **ISO 1307**.

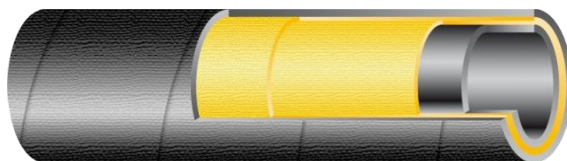


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
3,2	6	-	-	-	50
4	7	-	-	-	50
5	9	-	-	-	50
6	10	-	-	-	50
7	11	-	-	-	50
8	12	-	-	-	50
10	14	-	-	-	50
12	18	-	-	-	50
16	22	-	-	-	50
19	26	-	-	-	50

M-FLEX LPG DISCHARGE

Hose for convey LPG.

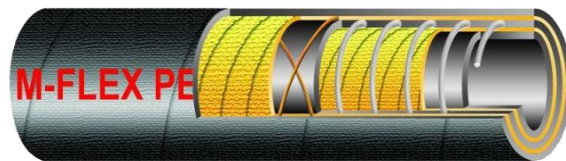
- Temperature range: -30°C / +70°C.
- Tube: NBR, conductive synthetic nitrile black rubber, LPG resistant.
- Cover: NBR, special pin-pricked synthetic rubber, abrasion, ozone, weather, heat, flame and oil resistant.
- Reinforcement: High tensile synthetic textile and antistatic copper wire.
- Norms: **EN 1762**.



Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
12,7	23	25	100	100	40
16	26	25	100	125	40
19	31	25	100	160	40
25,4	38	25	100	200	40
32	45	25	100	250	40
38	52	25	100	320	40
50,8	67	25	100	400	40
63,5	81	25	100	550	40
76,2	94	25	100	650	40
101,6	120	25	100	800	40

M-FLEX PETROL SD

Hose for suction and discharge of petroleum products with aromatic content up to 50%.

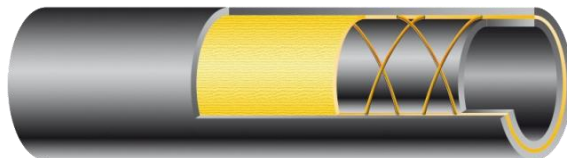


- Temperature range: -35°C / +80°C.
- Cover: NBR.
- Tube: NBR.
- Reinforcement: 2 high tensile synthetic textile braids, steel wire helix and antistatic copper wire.
- Norms: **EN 1307**.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
25,4	36	10	30	152	40
32,0	43	10	30	192	40
38,0	49	10	30	228	40
44,5	56	10	30	267	40
50,8	63	10	30	306	40
63,5	76	10	30	381	40
76,2	89	10	30	457	40
90	105	10	30	540	40
101,6	117	10	30	610	40
127	145	10	30	762	40
152,4	170	10	30	915	40

POMPA / L

For all types of gasoline dispensing applications (regular gasoline and diesel).



- Temperature range: -30°C / +55°C
- Tube: Oil, gasoline and diesel resistant smooth, black, Nitrile rubber.
- Cover: Flame, oil, fuel, abrasion, ozone, heat and weather resistant, synthetic rubber.
- Reinforcement: High tensile synthetic textile and antistatic copper wire.
- Norms: **TS EN 1360 TYPE 1 / ISO 1307**.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
12,7	21,5	16	48	50	>6
16	26	16	48	70	>6
19	29	16	48	95	>6
25,4	36,5	16	48	130	>6

ASPHALT

For suction and discharge of tar and hot Asphalt on tank trucks & tank cars etc. in road constructions up to +180°C.



- Temperature range: -40°C / +180°C.
- Tube: Heat resistant, special synthetic acrylic rubber.
- Cover: Abrasion, heat, weather, oil and asphalt resistant special synthetic rubber.
- Reinforcement: 2 high tensile synthetic textiles, steel wire helix and antistatic copper wire.
- Norms: **ISO 1307**.

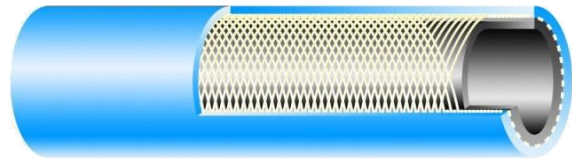
Inside diameter	Outside diameter	Working pressure	Bursting pressure	Vacuum	Bending radius	Coil length
mm	mm	bar	bar	bar	mm	m
25,4	43	18	54	-0,92	115	40
32	50	18	54	-0,92	150	40
38	56	18	54	-0,92	180	40
44,5	64	18	54	-0,92	220	40
50,8	71	18	54	-0,92	250	40
63,5	83	18	54	-0,92	320	40
70	91	18	54	-0,92	360	40
76,2	97	18	54	-0,92	400	40
101,6	126	18	54	-0,92	520	40
127	153	18	54	-0,92	680	40
152,4	179	18	54	-0,92	850	40

WELDING HOSES

M-FLEX OXYGEN

This hose is assigned to the flow of oxygen, for welding and flame cuttings, as well as for similar processes.

- Temperature range: -30°C / +80°C.
- Tube: SBR.
- Cover: EPDM / SBR.
- Reinforcement: High tensile synthetic textile.
- Norms: **EN 559 / DIN EN ISO 3821 / DIN 8451 / ISO 1307.**

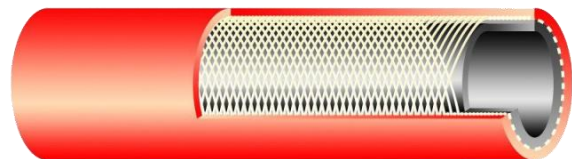


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
6	13	20	60	50
8	15	20	60	50
9	16	20	60	50
10	17	20	60	50
13	22	20	60	50
16	25	20	60	50

M-FLEX ACETYLENE

This hose is assigned to the flow of acetylene, for welding and flame cuttings, as well as for similar processes.

- Temperature range: -30°C / +80°C.
- Tube: SBR.
- Cover: EPDM / SBR.
- Reinforcement: High tensile synthetic textile.
- Norms: **EN 559 / DIN EN ISO 3821 / DIN 8451 / ISO 1307.**



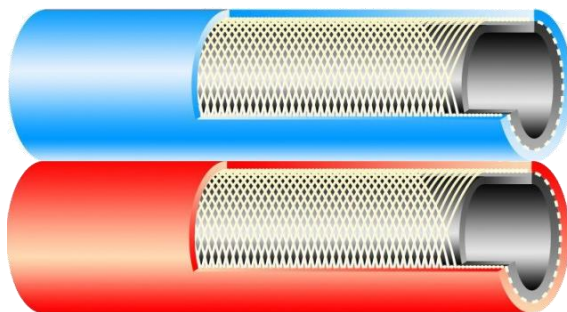
Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
6	13	20	60	50
8	15	20	60	50
9	16	20	60	50
10	17	20	60	50
13	22	20	60	50
16	25	20	60	50

TWIN WELDING HOSE

Blue hose - for the flow of oxygen, assigned to welding and flame cuttings, as well as for similar processes except LPG, MPS and CNG.

Red hose - for the flow of acetylene and other gases: hydrogen, natural gas, nitrogen, argon (except LPG, MPS and CNG), assigned to welding and flame cuttings, as well as for similar processes.

- Temperature range: -20°C / +80°C.
- Tube: THERMORUB.
- Cover: THERMORUB.
- Reinforcement: High tensile synthetic textile.
- Norm: **EN 559 / DIN EN ISO 3821 / DIN 8451.**

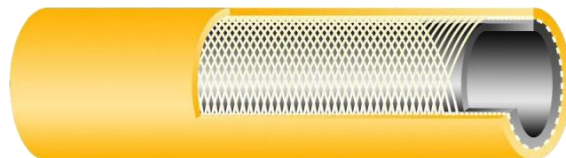


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
6,3 / 9	16	20	60	25

M-FLEX PROPANE-BUTANE

A flexible hose assigned to the flow of liquid gas (LPG), methylacetylene and propadiene mixtures (MPS) as well as natural gas (CNG).

- Temperature range: -30°C / +80°C.
- Tube: NBR / SBR.
- Cover: SBR / NR.
- Reinforcement: High tensile synthetic textile.
- Norms: **EN 559 / BS 3212-TTPEZ / BS 5120 - CCBTTPEN / ISO 1307.**

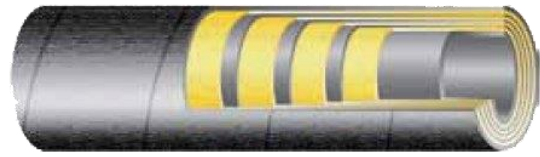


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Coil length
mm	mm	bar	bar	m
6	14	20	60	50
8	16	20	60	50
10	18	20	60	50
12,7	22,5	20	60	50

NITRO-20

Hose for transfer of Nitrogen.

- Temperature range: -40°C / +70°C.
- Tube: Nitrogen resistant natural and synthetic rubber.
- Cover: Abrasion, Ozone and weather resistant synthetic rubber.
- Reinforcement: 4 high tensile synthetic textiles.
- Norm: **ISO 1307**.

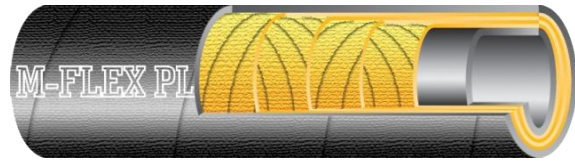


Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
6	13	20	64	-	40
12,7	22	20	64	65	40
16	25	20	64	80	40
19	29	20	64	95	40
25,4	36	20	64	125	40
32	44	20	64	300	40
38	51	20	64	360	40
44,5	60	20	64	400	40
50,8	65	20	64	450	40
63,5	80	20	64	600	40
76,2	92	20	64	750	40
101,6	118	20	64	1000	40

ABRASION HOSES

M-FLEX PLASTER 40 BAR

Premium plaster hose with unique tube quality, for conveying grout, screed, plaster and gypsum in compact flow process, the compact reinforcement package provides a very stable cross-section making the hose highly kink resistant and also offers high pressure resistance, extremely long service life due to the high abrasion resistant quality of the tube, antistatic construction prevents the build-up of static electricity (10-6 Ohm).



- Temperature range: -35°C / +80°C.
- Cover: SBR / NR / BR.
- Tube: SBR.
- Reinforcement: 4 textile wrapped.

Inside diameter	Wall thickness	Outside diameter	Working pressure	Bending radius	Coil length
mm	mm	mm	bar	mm	m
25	7	39	40	250	40
35	7,5	50	40	350	40
50	8	66	40	500	40

CIMENTO SD-10

Hose for suction and discharge of dry bulk materials, sand, gravel, dry cement etc.

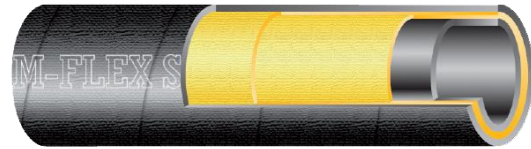


- Temperature range: -40°C / +70°C.
- Tube: Abrasion resistant antistatic natural rubber <60 mm3.
- Cover: Abrasion, ozone and weather resistant pin-pricked special synthetic rubber.
- Reinforcement: 2 high tensile synthetic textiles and antistatic copper wire.
- Norm: ISO 1307.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
50,8	64,5	10	30	350	40
63,5	77	10	30	440	40
76,2	90	10	30	500	40
90	104	10	30	600	40
101,6	118	10	30	750	40
127	146	10	30	900	40

M-FLEX SANDBLAST

Premium shot blast hose with unique tube quality, for conveying highly abrasive media such as quartz sand, steel shot, corundum, glass, etc., extremely long service life due to the high abrasion resistant quality of the tube < 50 mm³, antistatic construction prevents the build-up of static electricity.



- Temperature range: -35°C / +80°C.
- Cover: NR / SBR / BR.
- Tube: SBR.
- Reinforcement: 2 textile wrapped.
- Norms: **EN ISO 3861 / ISO 1307.**

Inside diameter	Wall thickness	Outside diameter	Working pressure	Bending radius	Coil length
mm	mm	mm	bar	mm	m
19	7	33	12	190	40
25	7	39	12	250	40
32	8	48	12	320	40

KUM+

Hose for cleaning and blasting metal, stone and concrete surfaces.



- Temperature range: -40°C / +70°C.
- Tube: Abrasion resistant, antistatic natural rubber.
- Cover: Temperature, abrasion and weather resistant mix of natural and synthetic black rubber.
- Reinforcement: 2 high tensile synthetic textiles and antistatic copper wire.
- Norms: **TS 5928 / EN ISO 3861 / ISO 1307.**

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
25,4	39	12	36	125	40
32	48	12	36	160	40
38	56	12	36	190	40

BETON UC 85

Hose for high pressure concrete pumping and placing used in the end of boom of concrete pump.



- Temperature range: -40°C / +70°C.
- Tube: Abrasion resistant antistatic natural and CBR rubber.
- Cover: Abrasion, ozone and weather resistant pin-pricked special synthetic rubber.
- Reinforcement: 4 high tensile steel cords.
- Norm: **ISO 1307**.

Inside diameter	Outside diameter	Working pressure	Bursting pressure	Bending radius	Coil length
mm	mm	bar	bar	mm	m
50,8	70	85	200	200	40
63,5	88	85	200	240	40
76,2	102	85	200	275	40
101,6	130	85	200	350	40
127	155	85	200	425	40
152,4	180	85	175	650	40

PVC HOSES

M-FLEX HYDRO-AIR

Hose for light duty delivery of water, light chemicals in agricultural, industrial applications, constructions and sanitary uses. Strong, flexible and smooth plasticized PVC, shock resistant PVC spiral, crushing agents, abrasion, and weather resistant, corrugated outside.



- Temperature range: -5°C / +60°C.

Inside diameter	Bursting pressure	Weight	Coil length
mm	bar	g/m	m
16	8	120	30
19	6	140	30
25	6	180	30
29	6	200	30
32	5	220	30
38	5	260	30
51	4	400	30
80	2	627	30

M-FLEX HYDRO ECO

Hose for irrigation, delivery of water, fertilizers, insecticides, acids, detergents, solutions etc. Strong, flexible and smooth plasticized PVC; shock resistant PVC spiral; crushing, chemical agents, abrasion and weather resistant, light corrugated outside.



- Temperature range: -10°C / +60°C.

Inside diameter	Bursting pressure	Vacuum	Bending radius	Weight	Coil length
mm	bar	m / H ₂ O	mm	g/m	m
19	23	7	70	200	30
25	20	6	100	250	30
32	18	6	115	320	30
38	16	6	135	420	30
51	13	6	190	645	30
63	11	6	250	810	30
76	10	6	300	1150	30
100	10	6	400	1710	30
110	10	6	420	1881	30

M-FLEX HYDRO

Hose for irrigation, delivery of water, fertilizers, insecticides, acids, detergents, solutions etc. Strong, flexible and smooth plasticized PVC; shock resistant PVC spiral; crushing, chemical agents, abrasion and weather resistant, light corrugated outside.



- Temperature range: -10°C / +60°C.

Inside diameter	Bursting pressure	Vacuum	Bending radius	Weight	Coil length
mm	bar	m / H ₂ O	mm	g/m	m
127	10	4	660	3200	30
152	7	3	750	4200	30

M-FLEX AGRO

Strong, flexible and smooth special superelastic material; shock resistant PVC spiral; crushing, chemical agents, abrasion and weather resistant, light corrugated outside. Hose for medium duty suction and delivery of water, salt water, light chemicals, liquids etc., in agricultural, industrial applications, constructions, sewer purging, sludge, slurries, waste matter, sand and gravel etc., especially for use in cold climates.

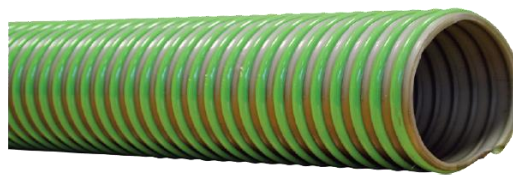


- Temperature range: -20°C / +50°C.

Inside diameter	Bursting pressure	Vacuum	Bending radius	Weight	Coil length
mm	bar	m / H ₂ O	mm	g/m	m
32	17	9	130	580	30
38	16	9	140	670	30
40	15	9	160	700	30
51	15	9	200	975	30
55	15	9	225	1080	30
60	15	9	250	1250	30
70	12	9	285	1550	30
76	12	9	310	1700	30
80	12	9	320	1800	30
90	10	9	375	2100	30
102	10	9	410	2600	30
110	10	9	450	2900	30
120	10	9	500	3200	30
127	9	9	520	3650	30
152	9	9	610	5000	30

M-FLEX KINDOS/C

Hose for medium duty suction and delivery of water, salt water, light chemicals, liquids etc., in agricultural, industrial applications constructions, sewer purging, sludge, slurries, waste matter, sand and gravel, etc. Especially for use in extremely cold climates.



- Temperature range: -40°C / +50°C.

Inside diameter	Bursting pressure	Vacuum	Bending radius	Weight	Coil length
mm	bar	m / H ₂ O	mm	g/m	m
63	10	9	210	1350	30
70	8	9	220	1580	30
76	8	9	240	1700	30
80	8	9	250	1800	30
90	7	8	290	2100	30
102	7	8	320	2600	30
110	7	8	380	2900	30
120	7	7	480	3200	30
127	6	7	500	3650	30
152	6	7	600	5100	30
203	4	6	800	7850	10

M-FLEX BOSPORIN NON TOXIC

Suction and discharge hose for water, potable water, vegetable and fruit juice, dairy products, alcohol and many others. Has a wide range of application in shipbuilding and construction as well as in agriculture and food processing industry.



- Temperature range: -5°C / +60°C.
- Cover: PVC.
- Tube: PVC.
- Reinforcement: Steel spiral wire.
- Norms: **EEC DIRECTIVE 90 / 128-ISO 1307.**

Inside diameter	Bursting pressure	Vacuum	Bending radius	Weight	Coil length
mm	bar	m / H ₂ O	mm	g/m	m
12	21	9	25	180	40
25	15	9	60	510	40
32	13	9	75	650	40
38	12	9	90	800	40
51	9	8	125	1200	40
76	6	7	195	2500	40
102	6	6	300	3400	40

M-FLEX AGROFLAT-L

Hose used mainly for mobile conveying lines for different types of liquid, clad with special plasticized PVC that makes it more resistant to temperature changes. Main applications are in agriculture, mining and industry as well as any other area that requires fast and mobile conveying system.



- Temperature range: -5°C / +60°C.
- Cover: PVC black.
- Tube: PVC orange.
- Reinforcement: High tensile synthetic textile.

Inside diameter	Working pressure	Bursting pressure	Weight	Coil length
mm	bar	bar	g / m	m
32	6	18	190	100
35	6	18	210	100
38	5	15	225	100
40	5	15	235	100
45	5	15	265	100
52	5	15	305	100
60	4	12	355	100
63	4	12	370	100
70	4	12	420	100
76	4	12	460	100
81	4	12	495	100
90	4	12	580	100
102	4	12	650	100
110	4	12	780	100
127	3	9	1000	100
153	3	9	1300	50
203	2	6	2050	50

M-FLEX AGROFLAT-M

Hose used mainly for mobile conveying lines for different types of liquid, clad with special plasticized PVC that makes it more resistant to temperature changes. Main applications are in agriculture, mining and industry as well as any other area that requires fast and mobile conveying system.

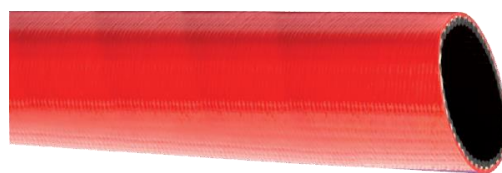


- Temperature range: -5°C / +60°C.
- Cover: PVC black.
- Tube: PVC blue.
- Reinforcement: High tensile synthetic textile.

Inside diameter	Working pressure	Bursting pressure	Weight	Coil length
mm	bar	bar	g / m	m
20	10	30	160	100
25	10	30	195	100
30	10	30	230	100
32	9	27	240	100
35	8	24	280	100
38	8	24	300	100
40	8	24	325	100
45	8	24	355	100
52	8	24	410	100
55	8	24	490	100
60	8	24	540	100
63	8	24	565	100
70	7	21	620	100
76	7	21	685	100
81	7	21	740	100
84	7	21	770	100
90	7	21	870	100
102	7	21	1000	100
110	7	21	1150	100
127	6	18	1350	100
153	4	12	1650	100
203	2,5	7,5	2300	50

M-FLEX AGROFLAT-H

Hose used mainly for mobile conveying lines for different types of liquid, clad with special plasticized PVC that makes it more resistant to temperature changes. Main applications are in agriculture, mining and industry as well as any other area that requires fast and mobile conveying system.



- Temperature range: -5°C / +60°C.
- Cover: PVC black.
- Tube: PVC red.
- Reinforcement: High tensile synthetic textile.

Inside diameter	Working pressure	Bursting pressure	Weight	Coil length
mm	bar	bar	g / m	m
38	16	48	455	100
40	16	48	500	100
45	16	48	560	100
51	16	48	680	100
55	15	45	730	100
63	15	45	900	100
70	14	42	990	100
76	12	36	1075	100
90	11	33	1255	100
102	10	30	1550	100
127	8	24	1955	100
153	6	18	2605	50
203	4	12	4305	50