



# FURTUNURI PENTRU UZ INDUSTRIAL

## 1. DOMENIU DE APLICATIE : APA – AER

### 1.1. Compressed Air hose – impulsion



- **Application:** A flexible air and water hose for use in industry, commerce and on construction sites.
- **Composition:** Tube: Synthetic rubber, black, smooth, suitable for oil-laden air.
- **Reinforcement:** Textile spiral construction (ID > 32 mm, wrapped)
- **Cover:** Synthetic rubber, black, smooth, weather resistant, ID > 32 mm cloth impression.
- **Temperature range:** -30°C / +70°C
- **Safety factor:** 3 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
M80000614	6	14	20	290	60	870	60	0,170
M80000817	8	15	20	290	60	870	80	0,170
M80001017	10	17	20	290	60	870	100	0,200
M80001321	13	21	20	290	60	870	130	0,290
M80001626	16	26	20	290	60	870	160	0,460
M80001929	19	29	20	290	60	870	220	0,521



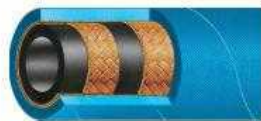
## 1.2. Multi-function. Continuous serie



- **Application:** Highly flexible multi-purpose hose, with very good ageing, weather and abrasion resistance
- **Composition:** Tube: EPDM, black, smooth, antistatic.
- **Reinforcement:** Textile spiral construction.
- **Cover:** EPDM, black, smooth, antistatic, ozone and weather resistant.
- **Temperature range:** -40°C / +95°C, briefly up to 110 °C
- **Safety factor:** 3 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
M80000614	6	14	20	290	60	870	60	0,170
M80000817	8	15	20	290	60	870	80	0,170
M80001017	10	17	20	290	60	870	100	0,200
M80001321	13	21	20	290	60	870	130	0,290
M80001626	16	26	20	290	60	870	160	0,460
M80001929	19	29	20	290	60	870	220	0,521

## 1.3. Fumigation hose. Continous serie



- **Application:** For spraying of pesticides and fertilizers in agriculture.
- **Composition:** Inner tube: compound PVC resistant to pesticides and fertilizers.
- **Reinforcement:** textile braid.
- **Cover:** special PVC compound resistant to abrasion, ozone and weather.
- **Temperature range:** -10° C / +60° C.
- **Safety factor:** 3:1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MF8012	12,5	21	80	1160	240	3480	125	0,310



## 1.4. Water suction hose 10 bar



- **Application:** Suction and delivery hose for water and inert fluids for sprinkler irrigation equipments. Very strong and flexible structure.
- **Composition:** Tube: Black, smooth, SBR rubber compound
- **Reinforcement:** High strength synthetic steel wire spirals
- **Cover:** Black, smooth, cloth impression SBR/EPDM rubber compound, abrasion and weather resistant
- **Working temperature:** -30°C + 80°C
- **Safety factor:** 3:1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)
MI01011025	25	35	10	150	30	450	0,9	150	0,77
MI01011030	30	40	10	150	30	450	0,9	180	0,91
MI01011032	32	42	10	150	30	450	0,9	190	0,97
MI01011035	35	45	10	150	30	450	0,9	210	1,08
MI01011038	38	48	10	150	30	450	0,9	230	1,20
MI01011040	40	50	10	150	30	450	0,9	240	1,20
MI01011051	51	62	10	150	30	450	0,9	310	1,76
MI01011060	60	71	10	150	30	450	0,9	360	1,93
MI01011063.5	63,5	76	10	150	30	450	0,9	380	2,40
MI01011070	70	82	10	150	30	450	0,9	420	2,65
MI01011076	76	88	10	150	30	450	0,9	460	2,85
MI01011080	80	92	10	150	30	450	0,9	480	3,09
MI01011090	90	102	10	150	30	450	0,9	540	3,20
MI01011102	102	117	10	150	30	450	0,9	610	4,00

## 1.5. Compressed air and water impulsion



- **Application:** A flexible air and water hose for use in industry, commerce and on construction sites.
- **Composition:** Tube: Synthetic rubber, black, smooth, suitable for oil-laden air.
- **Reinforcement:** Textile spiral construction (ID > 32 mm, wrapped)
- **Cover:** Synthetic rubber, black, smooth, weather resistant, ID > 32 mm cloth impression.
- **Temperature range:** -30°C / +70°C
- **Safety factor:** 3 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MA122025	25	35	20	290	60	870	250	0,650
MA122032	32	45	20	290	60	870	320	1,100
MA122040	38	51	20	290	60	870	350	1,200
MA122051	51	64	20	290	60	870	500	1,555
MA122063	63.5	79.5	20	290	60	870	630	2,38
MA122075	75	91	20	290	60	870	750	2,650

## 1.6. Steam hose 18 bar, industrial cleaning, 210°C

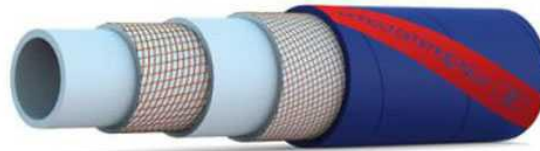


- **Application:** Suitable for conveying saturated steam and hot water.
- **Composition:** Tube: EPDM, black, smooth, electrically conductive.
- **Reinforcement:** Steel wire braided.
- **Cover:** EPDM, red cloth impression.
- **Temperature range:** +210°C / +410°F (saturated steam), +95°C/+203°F (hot water)
- **Safety factor:** Steam 10 : 1, Water 3,15 : 1
- **Standard / approval:** According BS 5342:1985 2A

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI01021713	13,5	24,5	18	261	180	2610	80	0,5
MI01021719	18	31	18	261	180	2610	110	0,65
MI01021725	25	38	18	261	180	2610	170	1
MI01021732	32	45	18	261	180	2610	150	1,3
MI01021738	38	53	18	261	180	2610	200	1,6
MI01021751	50,8	67	18	261	180	2610	300	2,15
MI01021776	76,2	93	18	261	180	2610	450	3,4



## 1.7. Steam hose 7 bar, white EPDM FDA industrial cleaning



- **Application:** Delivery hose for potable hot water mixed with steam and detergents. Mainly used for washdown and sterilization in the industry workshops.
- **Composition:** Tube: White, smooth, food and quality EPDM rubber compound
- **Reinforcement:** High strength synthetic plies
- **Cover:** Blue, smooth, cloth impression EPDM rubber compound, abrasion, ozone and weather resistant
- **Working temperature:** -40°C + 170°C
- **Specifications:** FDA title 21, art.177.2600 for aqueous foods

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Weight (kg/m)
MI01030713	13	23	7	105	70	1050	0,37
MI01030716	16	26	7	105	70	1050	0,43
MI01030719	19	31	7	105	70	1050	0,58
MI01030725	25	37	7	105	70	1050	0,75



## 2. DOMENIU DE APLICATIE : MEDIU ABRAZIV

### 2.1. Sandblast hose - delivery 12 bar

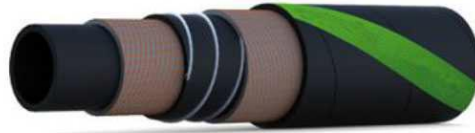


- **Application:** Low cost hose with abrasion resistant tube quality for conveying abrasive media such as quartz sand, steel shot, corundum, glass, etc.
- **Composition:** Tube: NR/SBR/BR, black, smooth, antistatic, abrasion resistant.
- **Reinforcement:** Textile wrapped.
- **Cover:** SBR, black, antistatic, cloth impression.
- **Temperature range:** -35°C / +80°C
- **Safety factor:** 3,15 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI030112013	13	27	12	175	38	550	130	0,50
MI030112019	19	33	12	175	38	550	190	0,65
MI030112025	25	39	12	175	38	550	250	0,80
MI030112032	32	48	12	175	38	550	320	1,10
MI030112038	38	54	12	175	38	550	380	1,35
MI030112042	42	56	12	175	38	550	420	1,26



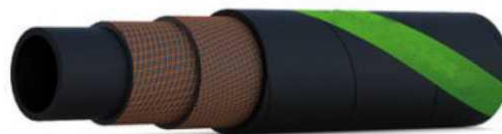
## 2.2. Abrasive hose - suction 10 bar



- **Application:** Suction and delivery for abrasive dry materials, suitable for loading and unloading of tank truck and silos
- **Composition:** Tube: Black, smooth, NR/NBR antistatic rubber compound
- **Reinforcement:** High strength synthetic plies with steel wire spirals
- **Cover:** Black, smooth antistatic cloth impression NR/NBR rubber compound, abrasion and weather resistant
- **Working temperature:** -40°C + 70°C
- **Specifications:** DIN 53516 50 +/- 5mm<sup>3</sup>
- **Safety factor:** 3:1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)
MI030210051	51	65	10	150	30	450	0,9	300	1,92
MI030210060	60	75	10	150	30	450	0,9	360	2,30
MI030210063	63.5	79	10	150	30	450	0,9	360	2,30
MI030210076	76	92	10	150	30	450	0,9	450	3,28
MI030210080	80	96	10	150	30	450	0,9	480	3,45
MI030210102	102	118	10	150	30	450	0,8	610	4,80

## 2.3. Abrasive hose - delivery 4 bar



- **Application:** Layflat delivery hose for concrete, sand, gravel and general abrasive dry materials.
- **Composition:** Tube: Black, smooth, NR/NBR antistatic rubber compound
- **Reinforcement:** High strength synthetic plies with steel
- **Cover:** Black, smooth antistatic cloth impression NR/NBR rubber compound, abrasion and weather resistant
- **Working temperature:** -40°C + 70°C
- **Specifications:** DIN 53516 70 +/- 5mm<sup>3</sup>
- **Safety factor:** 3:1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Weight (kg/m)
MI030305090	90	100	4	60	12	180	1,25
MI030305102	102	112	4	60	12	180	1,39
MI030305110	110	120	4	60	12	180	1,52
MI030305127	127	137	4	60	12	180	1,72
MI030305152	152	162	4	60	12	180	2,05
MI030305203	203	213	4	60	12	180	2,74



## 2.4. Abrasive hose 40 bar



- **Application:** For conveying grout, screed, plaster and gypsum in compact flow process.
- **Composition:** Tube: SBR/NR/BR, black, smooth, abrasion resistant, antistatic.
- Reinforcement: Textile wrapped.
- Cover: SBR, black, antistatic, cloth impression.
- **Temperature range:** -35°C / +80°C
- **Safety factor:** 2,5 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI030540025	25	37	40	580	100	1450	220	0,75
MI030540032	32	46	40	580	100	1450	320	1,10
MI030540035	35	49	40	580	100	1450	350	1,15
MI030540038	38	54	40	580	100	1450	380	1,40
MI030540050	50	66	40	580	100	1450	500	1,70
MI030540065	65	83	40	580	100	1450	650	2,55
MI030540076	76	98	40	580	100	1450	760	3,62
MI030540102	102	125	40	580	100	1450	1020	5,07





## 3. DOMENIU DE APLICATIE : HIDROCARBURI

### 3.1. Hydrocarbons hose 10 bar discharge



- **Application:** Flexible delivery hose suitable for mineral oil and fuels with a maximum aromatic content of 40% and for compressed air.  
Multi-purpose hose for diverse applications in industry, garages, filling stations and automobile repair shops.
- **Composition:** Tube: Synthetic rubber, black, smooth, antistatic, oil resistant
- **Reinforcement:** Textile spiral construction
- **Cover:** Synthetic rubber, black, smooth, abrasion resistant, oil and weather resistant, antistatic
- **Temperature range:** -40°C / +80°C
- **Safety factor:** 3 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI04011006	6	12	10	150	30	450	40	0,11
MI04011008	8	14	10	150	30	450	50	0,15
MI04011010	10	17	10	150	30	450	60	0,17
MI04011013	13	20	10	150	30	450	80	0,23
MI04011016	16	23	10	150	30	450	100	0,28
MI04011019	19	27	10	150	30	450	120	0,37
MI04011025	25	35	10	150	30	450	150	0,61
MI04011032	32	42	10	150	30	450	190	0,76



### 3.2. Hydrocarbons hose 20 bar discharge



- **Application:** Flexible delivery hose suitable for mineral oil and fuels with a maximum aromatic content of 40% and for compressed air.  
Multi-purpose hose for diverse applications in industry, construction and agriculture.  
For fuel application as a drop hose only.
- **Composition:** Tube: Synthetic rubber, black, smooth, antistatic, oil resistant.
- **Reinforcement:** Textile spiral construction.
- **Cover:** Synthetic rubber, black, smooth, antistatic, abrasion resistant, oil and weather resistant.
- **Temperature range:** -40°C / +100°C
- **Safety factor:** 3 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI04042006	6	12	20	290	60	870	40	0,15
MI04042008	8	15	20	290	60	870	50	0,20
MI04042010	10	17	20	290	60	870	60	0,22
MI04042013	13	20	20	290	60	870	80	0,30
MI04042016	16	24	20	290	60	870	100	0,40
MI04042019	19	28	20	290	60	870	120	0,50
MI04042025	25	35	20	290	60	870	150	0,73
MI04042032	32	42	20	290	60	870	190	0,75

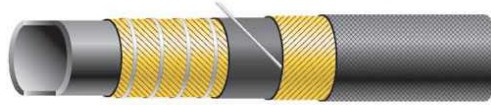
### 3.3. CarbuCORD hose 16 bar



- **Application:** Suction and delivery hose for filling and discharging tanks, petrol tankers and ships with unleaded fuels (EN228:2012) with an aromatic content of components 50% max.  
Suitable for industrial oils, diesel and fuel oils, and mineral oil based hyd.oils.
- **Composition:** Tube:NBR, black, smooth, electrically conductive.
- **Reinforcement:** htexile wrapped, 2 crossed copper wires.
- **Cover:** SBR/EPDM, black, abrasion resistant, ozone resistant, oil resistant,(acc.SAE J517:2013), cloth impression.
- **Temperature range:** From -35°C to +70°C.
- **Safety factor:** 3: 1



### 3.4. Hydrocarbons hose 10 bar intake



- **Application:** Suction and delivery hose for filling and discharging tanks, petrol tankers and ships with unleaded fuels (EN228:2012) with an aromatic content of components 50% max. Suitable for industrial oils, diesel and fuel oils, and mineral oil-based hyd.oils.
- **Composition:** Tube: NBR, black, smooth, electrically conductive.
- **Reinforcement:** Textile wrapped, zinc plated steel wire helix, 2 crossed copper wires.
- **Cover:** NBR/EPDM, black, abrasion resistant, ozone resistant, oil resistant (SAE J517:2013), cloth impression.
- **Temperature range:** -40°C / +90°C (for oils +0100°C)
- **Safety factor:** 3 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI040310019	19	29	10	145	30	435	45	0,60
MI040310025	25	35	10	145	30	435	55	0,70
MI040310032	32	42	10	145	30	435	65	0,90
MI040310038	38	48	10	145	30	435	80	1,10
MI040310051	51	61,8	10	145	30	435	130	1,30
MI040310063	63	75	10	145	30	435	180	2
MI040310076	76	89	10	145	30	435	350	2,55
MI040310102	101,4	115,4	10	145	30	435	400	3,90

### 3.5. SAE 100 R4 Hose



- **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°	Ø in	DN	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)
ML701019	19	3/4"	32	21	305	84	1218	-0,8	127	0,725
ML701025	25,4	1"	37,4	17	247	68	986	-0,8	152	0,847
ML701032	31,8	1"1/4	45	14	203	56	812	-0,8	203	1,118
ML701038	38,1	1"1/2	52	10	145	40	580	-0,8	254	1,454
ML701050	50,8	2"	64	7	102	28	406	-0,8	305	1,837
ML701063	63,5	2"1/2	77	4	58	16	232	-0,8	356	2,310



### 3.6. EN 854 R6 / SAE 100 R6 Hose



- **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°	Ø in	DN	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
<b>MSB2104</b>	6,3	1/4"	13	28	406	112	1624	65	0,16
<b>MSB2105</b>	8,2	5/16"	14,5	28	406	112	1624	80	0,24
<b>MSB2106</b>	9,8	3/8"	16,5	28	406	112	1624	80	0,29
<b>MSB2108</b>	12,9	1/2"	20	28	406	112	1624	100	0,39
<b>MSB2110</b>	16,2	5/8"	23	24	348	96	1392	125	0,5
<b>MSB2112</b>	19,2	3/4"	26,5	21	304,5	83	1203,5	150	0,6
<b>MSB2116</b>	25	1"	34.5	20	290	80	1160	170	0,75



## 4. DOMENIU DE APLICATIE : INDUSTRIA ALIMENTARA

### 4.1. Multi-function food hose FDA 10 bar



- **Applications:**
- **Composition:** Tube: NR, white, smooth, food quality.
- **Reinforcement:** Textile wrapped, zinc plated steel wire helix
- **Cover:** EPDM blue, resistant to abrasion, weather resistant, cloth impression
- **Temperature range:** -35°C / +80°C. Steam cleaning up to 130°C / max. 30 min, unpressurised
- **Safety factor:** 3,15 : 1
- **Norm / Registration:** BfR XXI:2002 (Kat.2), FDA (CFR 21 § 177.2600)

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)
MAS025	25,4	38	10	145	30	435	-0,93	67	0,9
MAS032	32	45	10	145	30	435	-0,93	86	1,10
MAS038	38	52	10	145	30	435	-0,93	105	1,32
MAS051	50,8	66	10	145	30	435	-0,93	250	2,15
MAS063	63,5	78	10	145	30	435	-0,93	350	2,40
MAS076	76,2	93	10	145	30	435	-0,93	450	3,11

### 4.2. Milk hose anti-extrusion polyamide spiral 10 bar



- **Applications:** Flexible suction and delivery hose suitable for use in food and drinks for conveying alcoholic and soft drinks.
- **Composition:** Tube: NR, white, smooth, food quality
- **Reinforcement:** Textile wrapped, plastic helix
- **Cover:** NR, blue, resistant to abrasion, weather resistant, cloth impression
- **Temperature range:** -35°C / +80°C steam cleaning up to max. 130°C / 30 min unpressurise
- **Safety factor:** 3,15 : 1
- **Norm / Registration:** BfR XXI:2002 (Kat.2), FDA (CFR 21 § 177.2600)

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI020510025	25	38	10	145	31,5	455	67	0,94
MI020510032	32	45	10	145	31,5	455	86	1,14
MI020510038	38	52	10	145	31,5	455	105	1,36
MI020510051	51	66	10	145	31,5	455	250	2,23
MI020510063	63	78	10	145	31,5	455	350	2,40
MI020510076	76	93	10	145	31,5	455	450	3,19



### 4.3. Alcoholic beverages max. 40% FDA 10 bar



- **Application:** A flexible suction and discharge hose for use in breweries, as well as in the food and beverage industries.  
Suitable for use with alcohol (max.40%) and soft drinks, as well with fatty (max. 36%) and non-fatty foods.
- **Composition:** Tube: EPDM, white, smooth, food quality.
- **Reinforcement:** Textile, wrapped, zinc plated steel wire helix
- **Cover:** SBR/NR/EPDM, red, abrasion resistant, ozone and weather resistant, cloth impression
- **Temperature range:** -35°C / +95°C. Steam cleaning up to 130°C / max. 30 min, unpressurized
- **Safety factor:** 3,15 : 1
- **Norm / Registration:** BfR XXI:2002 (Kat.2), FDA (CFR 21 § 177.2600

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI020610025	25	37	10	145	31,5	455	110	0,95
MI020610038	38	50	10	145	31,5	455	180	1,37
MI020610051	51	63	10	145	31,5	455	250	2,02
MI020610076	76	88	10	145	31,5	455	450	3,39



## 5. DOMENIU DE APLICATIE : INDUSTRIA CHIMICA

### 5.1. Chemical products hose 16 bar EPDM



- **Applications:** Suitable for use as a suction and discharge hose in the chemical industry and in raw materials extraction.  
Resistant to hot water, detergents, non-oxidising acids and alkalies.
- **Composition:** Tube: EPDM, black, smooth, electrically conductive
- **Reinforcement:** Textile, copper wires, zinc plated steel wire helix
- **Cover:** EPDM, black, electricity conductive, abrasion resistant, weather resistant, cloth impression
- **Temperature range:** Tube depending on the discharge medium up to +100°C. hose flexible down to 35°C.  
Steam cleaning, without pressure, up to 130°C / max. 30 min
- **Safety factor:** 3,15 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI070116019	19	31	16	232	48	700	125	0,64
MI070116025	25	37	16	232	48	700	165	0,89
MI070116032	32	44	16	232	48	700	210	1,17
MI070116038	38	51	16	232	48	700	250	1,31
MI070116051	51	67	16	232	48	700	335	1,57
MI070116063	63	79	16	232	48	700	410	1,92



## 5.2. Chemical products hose 16 bar Polyethylene /UPE



- **Applications:** Suitable for the transport of acids, alkalies salts, organic compounds (alcohols, esters, ketones) incl. aromatic substances, chlorinated hydrocarbons and oxidising acids according to our chemical resistant list.
- **Composition:** Tube: UPE, black, smooth, electrically conductive
- **Reinforcement:** Textile, copper wires, steel wire helix
- **Cover:** EPDM, black, electricity conductive, abrasion resistant, weather resistant, cloth impression
- **Temperature range:** Tube depending on the discharge medium up to +100°C. hose flexible down to 35°C. Steam cleaning, without pressure, up to 130°C / max. 30 min
- **Safety factor:** 4 : 1

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
<b>MI070216019</b>	19	31	16	232	50.5	731	115	0,63
<b>MI070216025</b>	25	37	16	232	50.5	731	150	0,92
<b>MI070216032</b>	32	44	16	232	50.5	731	200	1,01
<b>MI070216038</b>	38	51	16	232	50,5	731	225	1,10
<b>MI070216050</b>	50	66	16	232	50,5	731	275	1,96
<b>MI070216063</b>	63	79	16	232	50.5	731	320	2,58
<b>MI070216075</b>	75	91	16	232	50.5	731	350	2,94
<b>MI070216100</b>	100	116	16	232	50.5	731	475	4,39





## 6. DOMENIU DE APLICATIE : SUDURA

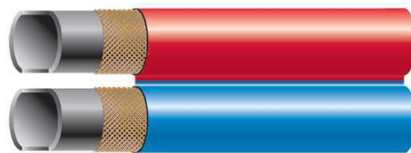
### 6.1. Welding hose acetylene



- **Application:** A flexible hose for the transport of acetylene. For welding and cutting, for arc welding using shielding gas and related processes. Also suitable for H, CO<sub>2</sub>, AR, & N. (Not suitable for LPG, MPS and CNG).
- **Composition:** Tube: EPDM, black, smooth.
- **Reinforcement:** Textile spiral construction.
- **Cover:** EPDM, red, fluted; smooth (from ID12 mm)
- **Temperature range:** -30°C / +70°C
- **Safety factor:** 3 : 1
- **Standard/approval:** ISO 3821:2008 (formerly EN 559:2003).

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI06030603	6,3	13,3	20	290	60	870	40	0,15
MI06030803	8	15	20	290	60	870	40	0,18
MI06031003	10	17	20	290	60	870	50	0,21

### 6.2. 2tubes welding hose : oxygene-acetylene



- **Application:** Blue hose – a flexible hose for transporting oxygen for welding & cutting. Red hose – a flexible hose for transporting acetylene for welding & cutting. Both for arc welding using shielding gas and related processes. Also suitable for H, CO<sub>2</sub>, Ar & N.
- **Composition:** Tube: EPDM, black, smooth.
- **Reinforcement:** Textile spiral construction.
- **Cover:** EPDM, blue and red, smooth.
- **Temperature range:** -30°C / +70°C
- **Safety factor:** 3 : 1
- **Standard/approval:** ISO 3821:2008 (formerly EN 559:2003).

Part n°	Ø in	Ø out	Working Pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bending radius (mm)	Weight (kg/m)
MI0601060612	6,3-6,3	12,3-12,3	20	300	60	870	40	0,31
MI0601080814	8-8	14-14	20	300	60	870	40	0,37
MI0601101016	10-10	16-16	20	300	60	870	50	0,43