

HIGH PRESSURE HOSES

1:1



HYDROSCAND HIGH PRESSURE HOSES

Our wide range of high pressure hoses are suitable for applications with normal to extremely high pressure, high impulses and high temperatures. The hoses are mainly used for hydraulic applications, high pressure washing, chemicals, gas lines and spray paint applications.

HOSE TYPES

Braided rubber hose

- Up to three braids of high tensile steel wire
- Temperature range from -55°C to +155°C
- Wide variation of covers and top coatings
- Working pressure up to 47.0 MPa

This hose is very flexible and suitable for almost all types of hydraulic applications.

Spiral rubber hose

- Up to six spirals of high tensile steel wire
- Temperature range from -40°C to +121°C
- Wide variation of covers and top coatings
- Working pressure up to 50.0 MPa

This hose type is designed for applications with very high pressure combined with high impulses such as hammer hydraulics.

Thermoplastic hose

- Wide variation of reinforcements
- Temperature range from -40°C to +100°C
- Good abrasion resistant covers
- Working pressure up to 80.0 MPa

This hose type has outstanding flexibility throughout the temperature range and has a low volumetric expansion, giving excellent hydraulic response times.

P.T.F.E.

- Wide variation of reinforcements
- Temperature range from -70°C to +260°C
- Extremely low frictional characteristics
- Working pressure up to 19.8 MPa
- Nonflammable

The high molecular weight structure in this type of hose provides an outstanding resistance towards a wide range of chemicals. Combined with their superior non-stick properties and wide temperature range, hoses made of P.T.F.E. are the ideal problem-solvers for virtually all aggressive applications.

RECOMMENDED FLUIDS

Synthetic oil resistant rubber

This inner tube is suitable for fluids such as mineral oil, vegetable oils and synthetic ester-based oil (up to 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, hydrocarbons, water etc.

Polyester

This inner tube is suitable for fluids such as hydraulic oil, grease, fuel oils, mineral oils, most phosphate esters and water. It's also suitable for many industrial gases such as Heliox (max 25% O₂), Argon, Nitrogen, carbon dioxide, Helium and air.

Polyamide

This inner tube offers optimal resistance to a wide range of fluids such as paints, chlorinated solvents and other chemicals.

P.T.F.E.

The P.T.F.E. inner tube is resistant to all chemicals and solvents except molten alkali metals and fluorine gas.

ABBREVIATIONS

CO - CrossOver

Hose type to be used in hard conditions. The cover is resistant to abrasion, ozone and flames.

XA - Extended Abrasion

Hose type to be used in severe environmental conditions. With a polymer cover with extra outstanding abrasion and ozone resistance.

PO - Polar

Hose type to be used in arctic environments. Excellent flexibility throughout the temperature range.

CERTIFICATES AND LABELS



Bureau Veritas



MED



RINA



CE



Lloyds Registry of Shipment



Det Norske Veritas

Mine Safety and Health
Administration

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HYDROSCAND'S CROSSOVER HOSES – FOR THE NEEDS OF TODAY AND TOMORROW!

Hydrosand's CrossOver hoses are a new generation of hydraulic hoses to meet the abrasion and UV radiation requirements of today and tomorrow. CO, an abbreviation of CrossOver, means that the hoses are adjusted to a wider range of usage than before, and with an emphasis on abrasion and ozone resistance. Most of the hoses are also flame resistant according to the latest demands.

Advantages with the CrossOver hoses

- The CO hoses exceed the demand for abrasion resistance in each standard
- They have improved resistance towards UV radiation and therefore also less problems with cracks
- They are designed with very good bend characteristics with preserved pressure performance
- Their powerfully improved life length gives shorter standstills and therefore lower costs

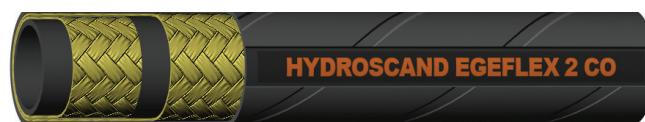
Egefex 1 CO

A hose equivalent to EN 853 1SN for applications with medium/high pressures and much external abrasion. MSHA, DNV and MED certification guarantee that the hose can be used in many different areas.



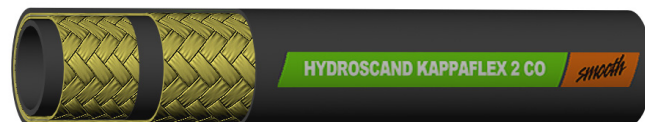
Egefex 2 CO

A hose equivalent to EN 853 2SN for normal working pressures and characteristics. MSHA, DNV and MED certification guarantee that the hose can be used in many different areas.



Kappaflex 2 CO Smooth

A hose with smooth cover for high pressures. Flexible and easy to assemble. Equivalent to EN8572SC.



Kappaflex 2K CO

A compact-built hose with fitted measurements and tight bend radius that can handle higher pressures than EN 857 2SC. MSHA, DNV and MED certifications guarantee that the hose can be used in many different areas.



Kappaflex 3 CO+

A hose for applications with very high pressures (47,0–32,7 MPa) and much external abrasion. The hose is MSHA-approved (flame-resistant). Exceeds EN 857 2SC (40,0–12,5 MPa).



Deltaflex 4 CT

A braided hose with four layers that exceeds the demands for EN 856 4SP. High working pressure and very flexible. Has been certified by Det Norske Veritas (DNV).



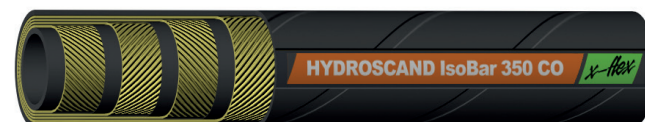
IsoBar 35 CO / IsoBar 42 CO

A multi spiral hose with four, or alternatively six depending on dimension, spirals. The hose is designed for extreme working pressures whilst retaining good flexibility. MSHA, DNV and MED certification guarantee that the hose can be used in many different areas.



IsoBar 350 CO

Extra flexible multi spiral hose that is easy to assemble. Can handle pressures up to 35,0 MPa in all dimensions.



1103-03 KAPPAFLEX 1

**Construction**

Inner tube: Synthetic oil resistant rubber
 Cover: Weather and oil resistant rubber
 Reinforcement: One braid of compact steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C
 Design: Grey and orange label, wrapped

Applications and characteristics

A hose for low to medium pressure and return lines (29,0–10,0 MPa).
Exceeds EN 857 1SC.

Ferrule: 4200-07-xx
 Product group: 100

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1103-03-04 | 6,5 | 1/4" | 11,8 | 29,0 | 40 | 0,18 |
| 1103-03-05 | 8,0 | 5/16" | 13,6 | 25,0 | 55 | 0,22 |
| 1103-03-06 | 9,5 | 3/8" | 16,5 | 23,0 | 65 | 0,29 |
| 1103-03-08 | 13,0 | 1/2" | 19,0 | 20,0 | 80 | 0,35 |
| 1103-03-10 | 16,0 | 5/8" | 22,3 | 15,0 | 105 | 0,43 |
| 1103-03-12 | 19,0 | 3/4" | 26,2 | 12,5 | 120 | 0,57 |
| 1103-03-16 | 25,0 | 1" | 34,0 | 11,0 | 160 | 0,82 |
| 1103-03-20 | 32,0 | 1 1/4" | 44,0 | 10,0 | 300 | 1,28 |

1105-10 KAPPAFLEX 2K C0

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Durable, weather and oil resistant rubber |
| Reinforcement: | Two braids of compact steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Green label, wrapped |

Applications and characteristics

Ozone resistant hose for applications with high pressures, well suited for marine applications. Exceeds EN 857 2SC. DNV-, MED- and MSHA-approved.

| | |
|----------------|------------------------|
| Ferrule: | 4200-11-xx, 4200-23-xx |
| Product group: | 100 |



| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1105-10-04 | 6,5 | 1/4" | 13,4 | 45,0 | 45 | 0,27 |
| 1105-10-05 | 8,0 | 5/16" | 15,0 | 42,0 | 60 | 0,31 |
| 1105-10-06 | 10,0 | 3/8" | 17,0 | 38,5 | 70 | 0,39 |
| 1105-10-08 | 13,0 | 1/2" | 20,7 | 34,5 | 90 | 0,52 |
| 1105-10-10 | 16,0 | 5/8" | 23,6 | 29,0 | 130 | 0,61 |
| 1105-10-12 | 19,0 | 3/4" | 27,7 | 28,0 | 160 | 0,79 |
| 1105-10-16 | 25,0 | 1" | 35,6 | 20,0 | 210 | 1,15 |

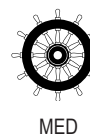
1105-10 KAPPAFLEX 2K C0, BOBIN

| Part number | Dimension | Min. length | Max length |
|---------------|-----------|-------------|------------|
| 1105-10-04-30 | 1/4" | 170 | 230 |
| 1105-10-05-30 | 5/16" | 130 | 190 |
| 1105-10-06-30 | 3/8" | 110 | 160 |
| 1105-10-08-30 | 1/2" | 75 | 110 |

1105-63 KAPPAFLEX 2K CO ROCK

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Durable; weather and oil resistant rubber |
| Reinforcement: | Two braids of compact steel wire |
| Safety factor: | 1:4 |
| Temperature: | -50°C – +100°C |
| Design: | Green label, wrapped |

**Applications and characteristics**

Ozone resistant hose for applications with high pressures and high abrasion. Well suited for marine applications. Impuls tested up to one million cycles. (1 1/4" to 200 000 cycles). Exceeds EN 857 2SC. DNV-, MED- and MSHA-approved.

| | |
|----------------|------------------------|
| Ferrule: | 4200-11-xx, 4200-23-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1105-63-04 | 6,5 | 1/4" | 13,4 | 45,0 | 45 | 0,29 |
| 1105-63-05 | 8,0 | 5/16" | 15,0 | 42,0 | 60 | 0,34 |
| 1105-63-06 | 10,0 | 3/8" | 17,4 | 38,5 | 70 | 0,44 |
| 1105-63-08 | 13,0 | 1/2" | 20,6 | 34,5 | 90 | 0,54 |
| 1105-63-10 | 16,0 | 5/8" | 23,7 | 29,0 | 130 | 0,63 |
| 1105-63-12 | 19,0 | 3/4" | 27,7 | 28,0 | 160 | 0,84 |
| 1105-63-16 | 25,0 | 1" | 35,6 | 20,0 | 210 | 1,14 |
| 1105-63-20 | 32,0 | 1 1/4" | 43,5 | 17,5 | 300 | 1,52 |

1105-63 KAPPAFLEX 2K CO ROCK, BOBIN

| Part number | Dimension | Min. length | Max length |
|---------------|-----------|-------------|------------|
| 1105-63-04-30 | 1/4" | 170 | 230 |
| 1105-63-05-30 | 5/16" | 130 | 190 |
| 1105-63-06-30 | 3/8" | 110 | 160 |
| 1105-63-08-30 | 1/2" | 75 | 110 |

1105-21 KAPPAFLEX 2K XA

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Durable; weather, oil and flame resistant rubber with polyethylene abrasive resistant cover |
| Top cover: | Extra abrasion and ozone resistant polymer coating |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C - + 100°C |
| Design: | White label, wrapped |

MSHA

Applications / Characteristics

Ozone resistant hose for applications with high pressures and very high external abrasion. Exceeds EN857 2SC. The hose is MSHA-approved (flame-resistant).

| | |
|----------------|------------------------|
| Ferrule: | 4200-11-xx, 4200-23-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1105-21-04 | 6,5 | 1/4" | 13,4 | 45,0 | 45 | 0,30 |
| 1105-21-05 | 8,0 | 5/16" | 15,0 | 42,0 | 60 | 0,35 |
| 1105-21-06 | 10,0 | 3/8" | 17,4 | 38,5 | 70 | 0,46 |
| 1105-21-08 | 13,0 | 1/2" | 20,6 | 34,5 | 90 | 0,58 |
| 1105-21-10 | 16,0 | 5/8" | 23,7 | 29,0 | 130 | 0,68 |
| 1105-21-12 | 19,0 | 3/4" | 27,7 | 28,0 | 160 | 0,86 |
| 1105-21-16 | 25,0 | 1" | 35,6 | 20,0 | 210 | 1,23 |

1105-43 KAPPAFLEX 2K PO

**Construction**

| | |
|----------------|--|
| Inner tube: | Cold and oil resistant rubber |
| Cover: | Cold, weather and oil resistant rubber |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -55°C - +100°C |
| Design: | Blue and white label, wrapped |

Applications and characteristics

A hose for applications with high pressures. The hose is made to be used in arctic environments. Excellent flexibility throughout the whole temperature range. Equivalent to EN 857 2SC.

| | |
|----------------|------------------------|
| Ferrule: | 4200-11-xx, 4200-23-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1105-43-04 | 6,5 | 1/4" | 13,4 | 45,0 | 45 | 0,30 |
| 1105-43-06 | 10,0 | 3/8" | 17,4 | 38,5 | 70 | 0,46 |
| 1105-43-08 | 13,0 | 1/2" | 20,6 | 34,5 | 90 | 0,58 |
| 1105-43-12 | 19,0 | 3/4" | 27,7 | 28,0 | 160 | 0,86 |
| 1105-43-16 | 25,0 | 1" | 35,6 | 20,0 | 210 | 1,23 |

1104-17 KAPPAFLEX 2 CO SMOOTH

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic, oil resistant rubber |
| Cover: | Ozone-, abrasion- and oilresistant rubber |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Green and orange label, smooth cover |

Applications and characteristics

A hose for applications with medium to high pressures and a lot of external abrasion. Exceeds the requirements of EN857 2SC (42,5 - 21,0 Mpa).

| | |
|----------------|------------------------|
| Ferrule: | 4200-11-xx, 4200-23-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1104-17-04 | 6,5 | 1/4" | 13,4 | 42,5 | 75 | 0,30 |
| 1104-17-05 | 8,0 | 5/16" | 15,0 | 40,0 | 85 | 0,35 |
| 1104-17-06 | 10,0 | 3/8" | 17,2 | 35,0 | 90 | 0,42 |
| 1104-17-08 | 13,0 | 1/2" | 20,4 | 31,0 | 130 | 0,52 |
| 1104-17-10 | 16,0 | 5/8" | 23,9 | 28,0 | 160 | 0,66 |
| 1104-17-12 | 19,0 | 3/4" | 27,7 | 28,0 | 195 | 0,86 |
| 1104-17-16 | 25,0 | 1" | 35,4 | 21,0 | 250 | 1,17 |

1104-17 KAPPAFLEX 2 CO SMOOTH BOBIN

| Part number | Dimension | Min. length | Max length |
|---------------|-----------|-------------|------------|
| 1104-17-04-30 | 1/4" | - | 260 |
| 1104-17-06-30 | 3/8" | - | 175 |
| 1104-17-08-30 | 1/2" | - | 125 |
| 1104-17-12-30 | 3/4" | - | 145 |

1106-73 KAPPAFLEX 3 CO+**Construction**

| | |
|----------------|--|
| Inner tube: | Synthetic, oil resistant rubber |
| Cover: | Oil, weather and abrasion resistant rubber |
| Reinforcement: | Three braids of compact steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Orange label, wrapped |

Applications and characteristics

This hose is suitable for applications with very high pressures (47,0-32,7 Mpa) and a lot of external abrasion. The hose is MSHA-approved (flame-resistant) Exceeds EN 857 2SC (40,0-12,5 Mpa).

| | |
|---------------|------------|
| Ferrule: | 4200-19-xx |
| Product group | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1106-73-08 | 13,0 | 1/2" | 25,2 | 47,0 | 160 | 0,94 |
| 1106-73-10 | 16,0 | 5/8" | 28,8 | 41,0 | 210 | 1,13 |
| 1106-73-12 | 19,0 | 3/4" | 32,5 | 37,5 | 260 | 1,49 |
| 1106-73-16 | 25,0 | 1" | 40,6 | 32,7 | 310 | 1,99 |

MSHA
1106-43 KAPPAFLEX 3 PO**Construction**

| | |
|----------------|--|
| Inner tube: | Cold and oil resistant rubber |
| Cover: | Cold, weather and oil resistant rubber |
| Reinforcement: | Three braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -55°C – +100°C |
| Design: | Blue and white label, wrapped |

Applications and characteristics

A hose for applications with very high pressures (47,0 - 32,7 Mpa). The hose is made to be used in arctic environments. Excellent flexibility throughout the whole temperature range. Exceeds EN857 2SC (40,0 - 12,5 Mpa).

| | |
|----------------|------------|
| Ferrule: | 4200-19-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1106-43-08 | 13,0 | 1/2" | 25,2 | 47,0 | 160 | 0,94 |
| 1106-43-10 | 16,0 | 5/8" | 28,8 | 41,0 | 210 | 1,13 |
| 1106-43-12 | 19,0 | 3/4" | 32,5 | 37,5 | 260 | 1,49 |
| 1106-43-16 | 25,0 | 1" | 40,6 | 32,7 | 310 | 1,99 |

1110-00/-03 ISOBAR 10



Construction

| | |
|----------------|--|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Weather and oil resistant rubber |
| Reinforcement: | One braid of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | 1110-00: Embossed branding line, wrapped 1110-03: Blue and white label, wrapped |

Applications and characteristics

The hose is especially developed for pilot lines, but can also be used for low pressure lines with assembling restrictions.

| | |
|----------------|------------|
| Ferrule: | 4200-07-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1110-00-04 | 6,5 | 1/4" | 11,5 | 10,0 | 25 | 0,15 |
| 1110-00-06 | 10,0 | 3/8" | 14,8 | 10,0 | 40 | 0,21 |
| 1110-00-08 | 13,0 | 1/2" | 18,0 | 10,0 | 50 | 0,27 |
| 1110-03-06 | 10,0 | 3/8" | 14,8 | 10,0 | 40 | 0,21 |
| 1110-03-08 | 13,0 | 1/2" | 18,0 | 10,0 | 50 | 0,27 |

1101-00 EGEFLEX 1



Construction

| | |
|----------------|----------------------------------|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Weather and oil resistant rubber |
| Reinforcement: | One braid of steel wire |
| Safety factor: | 4:1 |
| Temperature: | -40°C – +100°C |
| Design: | White text, wrapped |

Applications and characteristics

A hose for applications with medium pressure and return lines. Equivalent to EN 853 1SN.

| | |
|----------------|------------|
| Ferrule: | 4200-11-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1101-00-03 | 5,0 | 3/16" | 11,8 | 25,0 | 90 | 0,19 |

1101-14 EGEFLEX 1 CO

**Construction**

| | |
|----------------|----------------------------------|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Weather and oil resistant rubber |
| Reinforcement: | One braid of steel wire |
| Safety factor: | 4:1 |
| Temperature: | -40°C – +100°C |
| Design: | Blue label, wrapped |

**Applications and characteristics**

Ozone resistant hose for applications with medium/high pressures and much external abrasion. Equivalent to EN 853 1SN (25.0–4.0 MPa). The hose is DNV-, MED- and MSHA-approved.

| | |
|----------------|------------|
| Ferrule: | 4200-11-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1101-14-04 | 6,5 | 1/4" | 13,4 | 22,5 | 100 | 0,21 |
| 1101-14-05 | 8,0 | 5/16" | 15,0 | 21,5 | 115 | 0,24 |
| 1101-14-06 | 10,0 | 3/8" | 17,4 | 18,0 | 125 | 0,33 |
| 1101-14-08 | 13,0 | 1/2" | 20,6 | 16,0 | 180 | 0,41 |
| 1101-14-10 | 16,0 | 5/8" | 23,7 | 13,0 | 200 | 0,45 |
| 1101-14-12 | 19,0 | 3/4" | 27,7 | 10,5 | 240 | 0,58 |
| 1101-14-16 | 25,0 | 1" | 35,6 | 8,8 | 300 | 0,88 |
| 1101-14-20 | 32,0 | 1 1/4" | 43,5 | 6,3 | 420 | 1,23 |
| 1101-14-24 | 38,0 | 1 1/2" | 50,6 | 5,0 | 500 | 1,51 |
| 1101-14-32 | 51,0 | 2" | 64,0 | 4,0 | 630 | 1,97 |

1101-14 EGEFLEX 1 CO BOBIN

| Part number | Dimension | Min. length | Max length |
|---------------|-----------|-------------|------------|
| 1101-14-04-30 | 1/4" | 160 | 260 |
| 1101-14-06-30 | 3/8" | 100 | 160 |
| 1101-14-08-30 | 1/2" | 70 | 110 |

1071 HI-TEMP**Construction**

Inner tube: Synthetic oil and heat resistant rubber
 Cover: Synthetic abrasion resistant rubber
 Reinforcement: One braid of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +150°C
 Design: Wrapped, white text

**Applications and characteristics**

This hose is suitable for hydraulic pipes, truck engines, transportation of oil and gasoline with extra high temperature. DNV- and MED-approved.

Ferrule: 4200-21-xx, 4200-23-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1071-00-04 | 6,5 | 1/4" | 13,4 | 22,5 | 100 | 0,21 |
| 1071-00-06 | 10,0 | 3/8" | 17,4 | 18,0 | 130 | 0,33 |
| 1071-00-08 | 13,0 | 1/2" | 20,6 | 16,0 | 180 | 0,41 |
| 1071-00-10 | 16,0 | 5/8" | 23,7 | 13,0 | 200 | 0,45 |
| 1071-00-12 | 19,0 | 3/4" | 27,7 | 10,5 | 240 | 0,58 |
| 1071-00-16 | 25,0 | 1" | 35,6 | 8,8 | 300 | 0,88 |
| 1071-00-20 | 32,0 | 1 1/4" | 43,5 | 6,3 | 420 | 1,23 |
| 1071-00-24 | 38,0 | 1 1/2" | 50,6 | 5,0 | 500 | 1,51 |
| 1071-00-32 | 51,0 | 2" | 64,0 | 4,0 | 630 | 1,97 |

1003-11 1SN RED**Construction**

Inner tube: Synthetic oil resistant rubber
 Cover: Heat and abrasion resistant rubber
 Reinforcement: One braid of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C
 Design: Red, wrapped

Applications and characteristics

The hose is made for fire extinguishing applications.

Hylsa: 4200-11-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1003-11-04 | 6 | 1/4" | 13,2 | 22,5 | 100 | 22 |
| 1003-11-06 | 9 | 3/8" | 17,2 | 18 | 130 | 33 |
| 1003-11-08 | 13 | 1/2" | 20,4 | 16 | 180 | 41 |
| 1003-11-12 | 19 | 3/4" | 27,5 | 10,5 | 240 | 58 |
| 1003-11-16 | 25 | 1" | 35,4 | 8,8 | 300 | 87 |

1102-00 EGEFLEX 2**Construction**

| | |
|----------------|----------------------------------|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Weather and oil resistant rubber |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 4:1 |
| Temperature: | -40°C – +100°C |
| Design: | Embossed branding line, wrapped |

Applications and characteristics

A hose for applications with medium to high pressures. Equivalent to EN 853 2SN (41.5–8.0 MPa).

| | |
|----------------|------------------------------------|
| Ferrule: | 4200-12-xx, 4200-22-xx, 4200-23-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1102-00-03 | 5.0 | 3/16" | 13.4 | 41.5 | 90 | 0.31 |
| 1102-00-04 | 6.5 | 1/4" | 15.0 | 40.0 | 100 | 0.33 |
| 1102-00-05 | 8.0 | 5/16" | 16.6 | 35.0 | 115 | 0.39 |
| 1102-00-06 | 9.5 | 3/8" | 19.0 | 33.0 | 130 | 0.50 |
| 1102-00-08 | 13.0 | 1/2" | 22.2 | 27.5 | 180 | 0.59 |
| 1102-00-10 | 16.0 | 5/8" | 25.4 | 25.0 | 200 | 0.71 |
| 1102-00-12 | 19.0 | 3/4" | 29.3 | 21.5 | 240 | 0.86 |
| 1102-00-16 | 25.0 | 1" | 38.1 | 16.5 | 300 | 1.28 |
| 1102-00-20 | 32.0 | 1 1/4" | 48.3 | 12.5 | 420 | 2.04 |
| 1102-00-24 | 38.0 | 1 1/2" | 54.6 | 9.0 | 500 | 2.27 |
| 1102-00-32 | 51.0 | 2" | 67.0 | 7.8 | 630 | 2.87 |

1102-14 EGEFLEX 2 CO

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Abrasion, weather and heat resistant synthetic rubber |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Orange label, wrapped |

**Applications and characteristics**

A hose for applications with medium to high pressures and a lot of external abrasion. Equivalent to EN 853 2SN. DNV-, MED- and MSHA-approved. The certificates refer to dimensions 3/16" – 1".

| | |
|----------------|------------------------------------|
| Ferrule: | 4200-12-xx, 4200-22-xx, 4200-23-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1102-14-03 | 5,0 | 3/16" | 13,4 | 41,5 | 90 | 0,31 |
| 1102-14-04 | 6,5 | 1/4" | 15,0 | 40,0 | 100 | 0,33 |
| 1102-14-05 | 8,0 | 5/16" | 16,6 | 35,0 | 115 | 0,39 |
| 1102-14-06 | 10,0 | 3/8" | 19,0 | 33,0 | 130 | 0,50 |
| 1102-14-08 | 13,0 | 1/2" | 22,2 | 27,5 | 180 | 0,59 |
| 1102-14-10 | 16,0 | 5/8" | 25,4 | 25,0 | 200 | 0,71 |
| 1102-14-12 | 19,0 | 3/4" | 29,3 | 21,5 | 240 | 0,86 |
| 1102-14-16 | 25,0 | 1" | 38,1 | 16,5 | 300 | 1,28 |
| 1102-14-20 | 32,0 | 1 1/4" | 48,3 | 12,5 | 420 | 2,04 |
| 1102-14-24 | 38,0 | 1 1/2" | 54,6 | 9,0 | 500 | 2,27 |
| 1102-14-32 | 51,0 | 2" | 67,0 | 8,0 | 630 | 2,87 |

1102-14 EGEFLEX 2 CO, BOBIN

| Part number | Dimension | Min. length | Max length |
|---------------|-----------|-------------|------------|
| 1102-14-04-30 | 1/4" | 150 | 210 |
| 1102-14-05-30 | 5/16" | 105 | 175 |
| 1102-14-06-30 | 3/8" | 95 | 135 |
| 1102-14-08-30 | 1/2" | 65 | 95 |

1102-44 EGEFLEX 2 PO**Construction**

| | |
|----------------|--|
| Inner tube: | Cold and oil resistant rubber |
| Cover: | Cold, weather and oil resistant rubber |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -55°C – +100°C |
| Design: | Grey, blue and orange lable, wrapped |

Applications and characteristics

A hose for applications with medium to high pressures. The hose is made to be used in arctic environments. Excellent flexibility throughout the whole temperature range. Equivalent to EN 853 2SN.

| | |
|----------------|------------------------|
| Ferrule: | 4200-12-xx, 4200-23-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1102-44-04 | 6,5 | 1/4" | 15,0 | 40,0 | 100 | 0,33 |
| 1102-44-06 | 10,0 | 3/8" | 19,0 | 33,0 | 130 | 0,50 |
| 1102-44-08 | 13,0 | 1/2" | 22,2 | 27,5 | 180 | 0,59 |

Other dimensions are available upon request.

1102-50 EGEFLEX 2 HT**Construction**

| | |
|----------------|-----------------------------------|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Weather- and oil resistant rubber |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +150°C |
| Design: | Blue, wrapped |

Applications and characteristics

The hose is suitable for high pressure lines for oil, fuel or lubrication systems with extra high temperature. Equivalent to EN 853 2SN.

| | |
|----------------|------------------------|
| Ferrule: | 4200-22-xx, 4200-23-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1102-50-04 | 6,5 | 1/4" | 15,2 | 40,0 | 100 | 0,40 |
| 1102-50-06 | 10,0 | 3/8" | 19,1 | 35,0 | 130 | 0,60 |
| 1102-50-08 | 13,0 | 1/2" | 22,1 | 29,7 | 180 | 0,68 |
| 1102-50-10 | 16,0 | 5/8" | 25,2 | 22,7 | 200 | 0,80 |
| 1102-50-12 | 19,0 | 3/4" | 29,5 | 21,0 | 240 | 1,00 |
| 1102-50-16 | 25,0 | 1" | 37,9 | 17,5 | 300 | 1,44 |
| 1102-50-20 | 32,0 | 1 1/4" | 48,8 | 15,7 | 420 | 2,39 |
| 1102-50-24 | 38,0 | 1 1/2" | 54,6 | 12,2 | 500 | 2,60 |
| 1102-50-32 | 51,0 | 2" | 67,8 | 10,5 | 630 | 3,38 |

1007-01 ISOBAR 21 TL R17, TWIN

**Construction**

| | |
|----------------|--|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Abrasion, weather and oil resistant rubber |
| Reinforcement: | One braid of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Twin, smooth with white label |

Applications and characteristics

Hose for low and medium pressures and return lines (21,0 Mpa). Exceeds SAE 100 R17. Suitable for forklift applications.

| | |
|----------------|------------|
| Ferrule: | 4200-07-xx |
| Product group: | 100 |

| Part-number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1007-01-04 | 6,5 | 1/4" | 12,2 | 21,0 | 50 | 0,36 |
| 1007-01-06 | 10,0 | 3/8" | 15,5 | 21,0 | 65 | 0,54 |

1109 KAPPAFLEX 2 CO SMOOTH, TWIN

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Ozone-, abrasion- and oilresistant rubber |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Twin hose with smooth cover, green and orange |

Applications and characteristics

A hose for applications with medium to high pressures and a lot of external abrasion. Exceeds the requirements of EN 857 2SC.

| | |
|----------------|------------|
| Ferrule: | 4200-11-xx |
| Product group: | 100 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1109-06-06 | 10,0 | 3/8" | 17,2 | 35,0 | 90 | 0,86 |
| 1109-08-08 | 13,0 | 1/2" | 20,4 | 31,0 | 130 | 1,18 |

1115-10 DELTAFLEX 4 CT

**Construction**

| | |
|----------------|--|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Abrasion, weather, and heat resistant rubber |
| Reinforcement: | Four steel spirals |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +121°C |
| Design: | Yellow and grey label, wrapped |



MED

**Applications and characteristics**

Flexible hydraulic hose for high pressures in combination with very high pulsations. Equivalent to EN 856 4SP/4SH. DNV, MED and MSHA approved).

Ferrule: 4200-19-xx (use only with 3/8"-1" outer skiving)
 4200-20-xx (use only with 1 1/4" - 2" outer skiving)
 4400-09-xx (Interlock, outer and internal skiving)
 4700-04-xx (use only with 3/4"-2" non-skiving)
 4700-09-xx (use only with 3/4"-2" outer skiving)

Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1115-10-06 | 10,0 | 3/8" | 21,4 | 44,5 | 130 | 0,78 |
| 1115-10-08 | 13,0 | 1/2" | 24,6 | 42,5 | 180 | 0,93 |
| 1115-10-10 | 16,0 | 5/8" | 28,2 | 39,0 | 225 | 1,17 |
| 1115-10-12 | 19,0 | 3/4" | 32,2 | 35,0 | 280 | 1,48 |
| 1115-10-16 | 25,0 | 1" | 39,7 | 32,0 | 340 | 2,02 |
| 1115-10-20 | 32,0 | 1 1/4" | 45,5 | 34,5 | 460 | 2,46 |
| 1115-10-24 | 38,0 | 1 1/2" | 53,5 | 29,0 | 560 | 3,35 |
| 1115-10-32 | 51,0 | 2" | 68,1 | 25,0 | 700 | 4,55 |

1115-02 GAMMAFLEX 4

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Abrasion, weather and heat resistant rubber |
| Reinforcement: | Four spirals of high tension steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Yellow label, wrapped |

**Applications and characteristics**

The hose is suitable for high pressures combined with high flexing.
 The hose is equivalent to EN856 4SP and MSHA-approved (flame-resistant)

Ferrule: 4200-19-xx

Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1115-02-04 | 6 | 1/4" | 17,6 | 45,0 | 150 | 056 |
| 1115-02-06 | 10 | 3/8" | 21,2 | 44,5 | 180 | 0,73 |
| 1115-02-08 | 13 | 1/2" | 24,4 | 41,5 | 230 | 0,86 |
| 1115-02-10 | 16 | 5/8" | 28,0 | 35,0 | 250 | 1,04 |
| 1115-02-12 | 19 | 3/4" | 32,0 | 35,0 | 300 | 1,48 |
| 1115-02-16 | 25 | 1" | 39,1 | 28,0 | 340 | 1,90 |

1118-02 GAMMAFLEX 5

**Construction**

| | |
|----------------|----------------------------------|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Weather and oil resistant rubber |
| Reinforcement: | Four spirals of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C |
| Design: | Yellow label, wrapped |

MSHA

Applications and characteristics

The hose is equivalent to EN 856 4SH regarding pressure. The hose is also extra abrasion resistant. MSHA-approved.

| | |
|----------|--------------------------------------|
| Ferrule: | 4200-19-xx (use only with 3/8"-1") |
| | 4200-20-xx (use only with 1 1/4"-2") |
| | 4400-09-xx (Interlock) |
| | 4500-11-xx (Hammar) |

| | |
|----------------|-----|
| Product group: | 110 |
|----------------|-----|

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1118-02-12 | 19,0 | 3/4" | 32,0 | 42,0 | 280 | 1,46 |
| 1118-02-16 | 25,0 | 1" | 38,4 | 38,0 | 340 | 2,04 |
| 1118-02-20 | 32,0 | 1 1/4" | 45,2 | 35,0 | 460 | 2,38 |
| 1118-02-24 | 38,0 | 1 1/2" | 53,0 | 29,0 | 560 | 3,18 |
| 1118-02-32 | 50,0 | 2" | 67,6 | 25,0 | 700 | 4,36 |

1118-12 GAMMAFLEX 5

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic oil resistant rubber |
| Cover: | Abrasion, weather and heat resistant rubber |
| Reinforcement: | Four spirals of high tension steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +121°C |
| Design: | Yellow label, wrapped |

MSHA

Applications and characteristics

The hose is suitable for high pressures combined with high flexing. The hose is MSHA-approved (flame-resistant).

| | |
|----------|--------------------------------------|
| Ferrule: | 4200-19-xx (use only with 3/8"-1") |
| | 4200-20-xx (use only with 1 1/4"-2") |
| | 4400-09-xx (Interlock) |
| | 4500-11-xx (Hammar) |

| | |
|----------------|-----|
| Product group: | 110 |
|----------------|-----|

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1118-12-10 | 16,0 | 5/8" | 27,9 | 42,0 | 200 | 1,07 |
| 1118-12-12 | 19,0 | 3/4" | 31,9 | 42,0 | 280 | 1,43 |
| 1118-12-16 | 25,0 | 1" | 38,7 | 38,0 | 340 | 2,20 |

1135-83 ISOBAR 350 CO X-FLEX

**Construction**

Inner tube: Synthetic oil resistant rubber
 Cover: Weather- and oil resistant rubber
 Reinforcement: Four spirals of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +120°C
 Design: Orange and green label, wrapped

MSHA

Applications and characteristics

The hose is suitable for very high pressures in combination with very high impulses. High flexibility and a lot of external abrasion. MSHA-approved (flame resistant)

Ferrule: 4200-19-xx (use only with 3/8"-1")
 4200-20-20 (use only with 1 1/4")
 4400-09-xx (interlock)

Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1135-83-06 | 10,0 | 3/8" | 19,3 | 35,0 | 90 | 0,56 |
| 1135-83-08 | 13,0 | 1/2" | 22,2 | 35,0 | 115 | 0,76 |
| 1135-83-12 | 19,0 | 3/4" | 31,0 | 35,0 | 140 | 1,32 |
| 1135-83-16 | 25,0 | 1" | 38,4 | 35,0 | 150 | 1,95 |
| 1135-83-20 | 32,0 | 1 1/4" | 45,2 | 35,0 | 350 | 2,50 |

1135-84 ISOBAR CO ROCK

**Construction**

Inner tube: Synthetic oil resistant rubber
 Cover: Durable, weather and oil resistant rubber
 Reinforcement: Four or six spirals of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +120°C
 Design: Wrapped, green and orange label

MSHA

Applications and characteristics

A very flexible spiral hose for the toughest applications. With the extremely durable cover and flexibility the hose is suited in applications with high demands for high flow and high pressure and is easy to assemble. MSHA approved. Exceeds the requirements of SAE 100 R13.

Ferrule: 4200-19 (use only with 3/4 – 1")
 4700-09 (use only with 3/4 – 1")
 4700-10 (use only with 1 1/4")

Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1135-84-12 | 19 | 3/4" | 30,3 | 34,5 | 141 | 1,20 |
| 1135-84-16 | 25 | 1" | 38,1 | 34,5 | 153 | 1,94 |
| 1135-84-20 | 32 | 1 1/4" | 49,7 | 34,5 | 210 | 3,86 |

1020-85 ISOBAR 350 CO ROCK X-FLEX



Construction

Inner tube: Synthetic oil resistant rubber
 Cover: Durable, weather- and oil resistant rubber
 Reinforcement: Four or six spirals of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +121°C
 Design: Orange and green label, wrapped

MSHA

Applications and characteristics

A very flexible spiral hose for the toughest applications. With the extremely durable cover and flexibility the hose is suited in applications with high demands for high flow and high pressure and is easy to assemble. MSHA approved. Exceeds the requirements of SAE 100 R13. Comes in 15,2 meter rolls.

Ferrule: 4400-09-xx, 4400-13-xx

Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1020-85-12 | 19,0 | 3/4" | 32,1 | 34,5 | 141 | 1,44 |
| 1020-85-16 | 25,0 | 1" | 38,7 | 34,5 | 153 | 1,96 |
| 1020-85-20 | 32,0 | 1 1/4" | 49,8 | 34,5 | 210 | 3,60 |
| 1020-85-24 | 38,0 | 1 1/2" | 57,3 | 34,5 | 254 | 4,56 |

1142-13 ISOBAR 42 CO



Construction

Inner tube: Synthetic oil resistant rubber
 Cover: Synthetic abrasion, weather and heat resistant rubber
 Reinforcement: ID 19-25: Four spirals of steel wire
 ID 32-38: Six spirals of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +121°C
 Design: Wrapped, red and white labels

MSHA

Applications and characteristics

The hose is suitable for very high pressures in combination with very high impulses and a lot of external abrasion. The hose is MSHA-approved (flame resistant). 3/4" - 1 1/2" is equivalent to, or exceeds, SAE 100 R15.

Ferrule: 4400-09-xx, 4400-14-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1142-13-12 | 19,0 | 3/4" | 32,0 | 42,0 | 265 | 1,46 |
| 1142-13-16 | 25,0 | 1" | 38,4 | 42,0 | 330 | 2,04 |
| 1142-13-20 | 32,0 | 1 1/4" | 49,3 | 42,0 | 445 | 3,82 |
| 1142-13-24 | 38,0 | 1 1/2" | 57,3 | 42,0 | 530 | 4,77 |

1135-13 ISOBAR 35 CO
MSHA
Construction

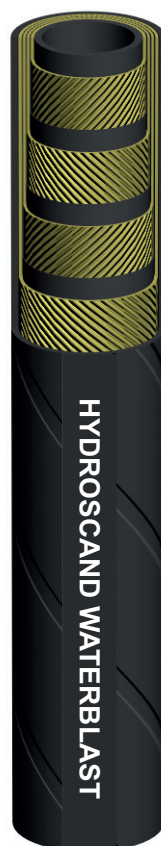
Inner tube: Synthetic oil resistant rubber
 Cover: Synthetic abrasion, weather and heat resistant rubber
 Reinforcement: ID 19–32: Four spirals of steel wire
 ID 38–51: Six spirals of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +121°C
 Design: Orange and white label, wrapped

Applications and characteristics

The hose is suitable for very high pressures in combination with very high impulses and a lot of external abrasion. Equivalent to, or exceeds EN 856 R13. The hose is MSHA-approved (flame resistant).

Ferrule: 4400-13-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Bend rad kg/m |
|-------------|-------|---------|-------|--------------|--------------|---------------|
| 1135-13-32 | 51,0 | 2" | 71,6 | 35,0 | 630 | 6,31 |

1114-45 WATERBLAST**Construction**

Inner tube: Water resistant rubber
 Cover: Special abrasion resistant rubber
 Reinforcement: Four spirals of steel wire
 Safety factor: 1:2,5
 Temperature: -40°C – +80
 Design: White label, wrapped

Applications and characteristics

The hose is suitable for water with extremely high pressures. The hose is designed for static water pressures but is not suitable for hydraulic applications.

Ferrule: 4501/4573~90
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Bend rad kg/m |
|-------------|-------|---------|-------|--------------|--------------|---------------|
| 11144506 | 10 | 3/8" | 20,4 | 125 | 230 | 0,82 |
| 11144508 | 13 | 1/2" | 24,5 | 110 | 230 | 1,12 |
| 11144512 | 19 | 3/4" | 32,0 | 100 | 250 | 1,73 |

1054 PRESSURE WASHER HOSE HTP-1C

**Construction**

| | |
|----------------|--|
| Inner tube: | Synthetic temperature resistant rubber |
| Cover: | Abrasion resistant rubber |
| Reinforcement: | One braid of compact steel wire |
| Safety factor: | Work pressure/Burst pressure |
| Temperature: | -40°C – +155°C |
| Design: | Black or blue pin-pricked cover |

Applications and characteristics

This hose is intended for pressure washers where low weight and pliability is required. Available in black, oil resistant rubber for workshops and flush halls; and in blue for sensitive environments.

| | |
|----------------|------------|
| Ferrule: | 4200-07-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | BP MPa | Cover | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|--------|-------|-------------|
| 1054-01-04 | 6,5 | 1/4" | 12,4 | 40,0 | 75 | 100,0 | Black | 0,19 |
| 1054-02-04 | 6,5 | 1/4" | 12,4 | 40,0 | 75 | 100,0 | Blue | 0,19 |
| 1054-01-05 | 8,0 | 5/16" | 14,0 | 40,0 | 85 | 100,0 | Black | 0,22 |
| 1054-02-05 | 8,0 | 5/16" | 14,0 | 40,0 | 85 | 100,0 | Blue | 0,22 |
| 1054-01-06 | 10,0 | 3/8" | 15,6 | 40,0 | 90 | 100,0 | Black | 0,28 |
| 1054-02-06 | 10,0 | 3/8" | 15,6 | 40,0 | 90 | 100,0 | Blue | 0,28 |
| 1054-02-08 | 13,0 | 1/2" | 18,7 | 40,0 | 130 | 100,0 | Blue | 0,35 |

1054-17 PRESSURE WASHER HOSE HTP-1C, SMOOTH

**Construction**

| | |
|----------------|---|
| Inner tube: | Synthetic temperature resistance rubber |
| Cover: | Abrasion resistant rubber |
| Reinforcement: | One braid of compact steel wire |
| Safety factor: | Working pressure/Burst pressure |
| Temperature: | -40°C – +155°C |
| Design: | Blue, smooth |

Applications and characteristics

This hose is intended for pressure washers where low weight and pliability is required. oil For workshops, flush halls and sensitive environments.

| | |
|----------------|------------|
| Ferrule: | 4200-07-xx |
| Product group: | 110 |

| Part-number | ID mm | ID inch | OD mm | Work.pr. MPa | Bend rad. mm | BP MPa | Cover | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|--------|-------|-------------|
| 1054-17-06 | 10,0 | 3/8" | 15,6 | 40,0 | 90 | 100,0 | Blå | 0,28 |
| 1054-17-08 | 13,0 | 1/2" | 18,7 | 40,0 | 130 | 100,0 | Blå | 0,35 |

1055 PRESSURE WASHER HOSE HTP-2C

**Construction**

| | |
|----------------|--|
| Inner tube: | Synthetic temperature resistant rubber |
| Cover: | Abrasion resistant rubber |
| Reinforcement: | Two braids of compact steel wire |
| Safety factor: | Work pressure/Burst pressure |
| Temperature: | -40°C – +155°C |
| Design: | Black or blue pin-pricked cover |

Applications and characteristics

This hose is intended for pressure washers where there are high demands regarding pressure, temperature and pliability. Available in black, oil resistant rubber for workshops and flush halls; and in blue for sensitive environments.

| | |
|----------------|------------------------|
| Ferrule: | 4200-11-xx, 4200-23-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | BP MPa | Cover | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|--------|-------|-------------|
| 1055-02-04 | 6,5 | 1/4" | 13,4 | 64,0 | 75 | 160,0 | Blå | 0,29 |
| 1055-02-05 | 8,0 | 5/16" | 15,0 | 64,0 | 85 | 160,0 | Blå | 0,34 |
| 1055-01-05 | 8,0 | 5/16" | 15,0 | 64,0 | 85 | 160,0 | Svart | 0,34 |
| 1055-01-06 | 10,0 | 3/8" | 17,4 | 64,0 | 90 | 160,0 | Svart | 0,42 |
| 1055-02-06 | 10,0 | 3/8" | 17,4 | 64,0 | 90 | 160,0 | Blå | 0,42 |
| 1055-02-08 | 13,0 | 1/2" | 20,7 | 64,0 | 130 | 160,0 | Blå | 0,58 |

1055-17 PRESSURE WASHER HOSE HTP-2C, SMOOTH

**Construction**

| | |
|----------------|--|
| Inner tube: | Synthetic temperature resistant rubber |
| Cover: | Abrasion resistant rubber |
| Reinforcement: | Two braids of compact steel wire |
| Safety factor: | Work pressure/Burst pressure |
| Temperature: | -40°C – +155°C |
| Design: | Smooth, blue cover |

Applications and characteristics

This hose is intended for pressure washers where there are high demands regarding pressure, temperature and pliability. For workshops, flush halls and sensitive environments.

| | |
|---------------|------------------------|
| Hylsa: | 4200-11-xx, 4200-23-xx |
| Produktgrupp: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | BP MPa | Cover | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|--------|-------|-------------|
| 1055-17-06 | 10,0 | 3/8" | 17,1 | 64,0 | 90 | 160,0 | Blå | 0,42 |
| 1055-17-08 | 13,0 | 1/2" | 20,7 | 64,0 | 130 | 160,0 | Blå | 0,58 |

1055-95 PRESSURE WASHER HOSE HTP-2C



Construction

Inner tube: Synthetic temperature resistant rubber
 Cover: Abrasion resistant rubber
 Reinforcement: Two braids of steel wire
 Safety factor: 1:2,5
 Temperature: -40° C +155° C
 Design: Blue

Applications and characteristics

Recommended for warm and cold pressure washers

Ferrule: 4200-23-xx
 Product group: 110

| Part number | ID mm | ID inch | YD mm | Bend rad. mm | BP MPa | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------|-------------|
| 1055-95-06 | 9,5 | 3/8" | 17,4 | 90 | 132,0 | 0,42 |

1031-01 HYDROSCAND T1111



Construction

Inner tube: Seamless polyester elastomer
 Cover: Oil, weather and abrasion resistant polyurethane
 Reinforcement: One braid of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C, air and water max +70°C
 Design: Black cover

Applications and characteristics

The hose is well suitable for high pressure hydraulics, high pressure gas applications as well as pressure washers. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule: 4200-28-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1031-01-03 | 5,0 | 3/16" | 9,7 | 36,0 | 30 | 0,12 |
| 1031-01-04 | 6,5 | 1/4" | 11,7 | 31,0 | 40 | 0,15 |
| 1031-01-05 | 8,0 | 5/16" | 13,2 | 25,0 | 55 | 0,19 |
| 1031-01-06 | 10,0 | 3/8" | 16,5 | 22,5 | 65 | 0,22 |
| 1031-01-08 | 13,0 | 1/2" | 18,8 | 19,0 | 85 | 0,29 |
| 1031-01-10 | 16,0 | 5/8" | 22,0 | 14,0 | 115 | 0,33 |
| 1031-01-12 | 19,0 | 3/4" | 25,8 | 11,5 | 145 | 0,43 |
| 1031-01-16 | 25,0 | 1" | 33,0 | 9,5 | 180 | 0,62 |

1032 HYDROSCAND T1112, TWIN

**Construction**

Inner tube: Seamless polyester elastomer
 Cover: Oil, weather and abrasion resistant polyurethane
 Reinforcement: One braid of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C, air and water max +70°C
 Design: Supertwin, black cover

Applications and characteristics

The hose is well suitable for high pressure hydraulics, high pressure gas applications as well as pressure washers. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule: 4200-28-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1032-03-03 | 5,0 | 3/16" | 9,7 | 36,0 | 30 | 0,24 |
| 1032-04-04 | 6,5 | 1/4" | 11,7 | 31,0 | 40 | 0,30 |
| 1032-05-05 | 8,0 | 5/16" | 13,2 | 25,0 | 55 | 0,38 |
| 1032-06-06 | 10,0 | 3/8" | 16,5 | 22,5 | 65 | 0,44 |
| 1032-08-08 | 13,0 | 1/2" | 18,8 | 19,0 | 85 | 0,58 |
| 1032-10-10 | 16,0 | 5/8" | 22,0 | 14,0 | 115 | 0,67 |
| 1032-12-12 | 19,0 | 3/4" | 25,8 | 11,5 | 145 | 0,89 |
| 1032-16-16 | 25,0 | 1" | 33,0 | 9,5 | 180 | 1,24 |

1032 HYDROSCAND T1113, TRIPLE

**Construction**

Inner tube: Seamless polyester elastomer
 Cover: Oil, weather and abrasion resistant polyurethane
 Reinforcement: One braid of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C, air and water max +70°C
 Design: Triple, black cover

Applications and characteristics

The hose is well suitable for high pressure hydraulics, high pressure gas applications as well as pressure washers. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

Ferrule: 4200-28-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|---------------|-------|---------|-------|--------------|--------------|-------------|
| 1032-04-04-04 | 6,5 | 1/4" | 11,7 | 31,0 | 40 | 0,45 |
| 1032-06-06-06 | 10,0 | 3/8" | 15,9 | 22,5 | 65 | 0,66 |
| 1032-08-08-08 | 13,0 | 1/2" | 18,8 | 19,0 | 85 | 0,87 |

1034-01 HYDROSCAND T1211

**Construction**

| | |
|----------------|---|
| Inner tube: | Seamless polyester elastomer |
| Cover: | Oil and abrasion resistant polyurethane |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 4:1 |
| Temperature: | -40°C – +100°C, air and water max +70°C |
| Design: | Black cover |

Applications and characteristics

This hose is well suited for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

| | |
|----------------|------------|
| Ferrule: | 4200-29-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1034-01-04 | 6,5 | 1/4" | 12,8 | 40,0 | 40 | 0,24 |
| 1034-01-06 | 10,0 | 3/8" | 16,8 | 33,0 | 65 | 0,37 |
| 1034-01-08 | 13,0 | 1/2" | 20,2 | 26,0 | 85 | 0,45 |
| 1034-01-10 | 16,0 | 5/8" | 23,5 | 22,0 | 115 | 0,56 |
| 1034-01-12 | 19,0 | 3/4" | 27,5 | 15,0 | 170 | 0,70 |

1036 HYDROSCAND T1212, TWIN

**Construction**

| | |
|----------------|---|
| Inner tube: | Seamless polyester elastomer |
| Cover: | Oil and abrasion resistant polyurethane |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C, air and water max +70°C |
| Design: | Supertwin, black cover |

Applications and characteristics

This hose is well suited for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

| | |
|----------------|------------|
| Ferrule: | 4200-29-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1036-04-04 | 6,5 | 1/4" | 12,8 | 40,0 | 40 | 0,49 |
| 1036-06-06 | 10,0 | 3/8" | 16,8 | 33,0 | 65 | 0,76 |
| 1036-08-08 | 13,0 | 1/2" | 20,2 | 26,0 | 85 | 0,90 |

1029 HYDROSCAND T3212, TWIN

**Construction**

| | |
|----------------|---|
| Inner tube: | Seamless polyester elastomer |
| Cover: | Oil and abrasion resistant polyurethane |
| Reinforcement: | One braid of steel wire and one braid of aramid (Kevlar®) |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C, air and water max +70°C |
| Design: | Supertwin, black cover |

Applications and characteristics

This hose is well suited for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

| | |
|----------------|------------|
| Ferrule: | 4200-27-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1029-01-06 | 10,0 | 3/8" | 15,8 | 28,0 | 60 | 0,46 |

1037-01 HYDROSCAND T1121, PAINT SPRAY HOSE

**Construction**

| | |
|----------------|---|
| Inner tube: | Seamless polyamide/Nylon 6 |
| Cover: | Polyurethane |
| Reinforcement: | One braid of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C, air and water max +70°C |
| Design: | Blue cover |

Applications and characteristics

The hose is well suitable for spray paint applications, dissolvents and other chemicals. The steel reinforcement provides electrical conductivity through the hose. Should be checked after mounting the fittings.

| | |
|----------------|------------|
| Ferrule: | 4200-28-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1037-01-03 | 5,0 | 3/16" | 9,7 | 36,0 | 30 | 0,11 |
| 1037-01-04 | 6,5 | 1/4" | 11,7 | 31,0 | 40 | 0,15 |
| 1037-01-06 | 10,0 | 3/8" | 16,5 | 22,5 | 65 | 0,22 |
| 1037-01-08 | 13,0 | 1/2" | 18,8 | 19,0 | 85 | 0,29 |
| 1037-01-12 | 19,0 | 3/4" | 25,8 | 11,5 | 145 | 0,43 |

1038-01 HYDROSCAND T1221, PAINT SPRAY HOSE



Construction

| | |
|----------------|---|
| Inner tube: | Seamless polyamide/Nylon 6 |
| Cover: | Polyurethane |
| Reinforcement: | Two braids of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C, air and water max +70°C |
| Design: | Blue cover |

Applications and characteristics

Paint spray hose for high pressures. It is well suitable for spray paint applications, dis-solvents and other chemicals. The steel reinforcement provides electrical conductivity through the hose. Should be checked after mounting the fittings.

| | |
|----------------|------------|
| Ferrule: | 4200-29-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1038-01-04 | 6,5 | 1/4" | 12,8 | 40,0 | 40 | 0,25 |
| 1038-01-06 | 10,0 | 3/8" | 16,8 | 33,0 | 65 | 0,38 |
| 1038-01-08 | 13,0 | 1/2" | 20,2 | 26,0 | 85 | 0,45 |
| 1038-01-12 | 19,0 | 3/4" | 27,5 | 15,0 | 170 | 0,68 |

1045-01 HYDROSCAND T7011



Construction

| | |
|----------------|---|
| Inner tube: | Polyester elastomer |
| Cover: | Oil and abrasion resistant polyurethane |
| Reinforcement: | One braid of polyester |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C, air and water max +70°C |
| Design: | Black cover, pin-pricked |

Applications and characteristics

This hose is well suited for hydraulics, grease gun systems and gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R7.

| | |
|----------------|------------|
| Ferrule: | 4200-27-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1045-01-02 | 3,5 | 1/8" | 8,3 | 21,0 | 25 | 0,05 |
| 1045-01-03 | 5,0 | 3/16" | 9,6 | 21,0 | 25 | 0,06 |
| 1045-01-04 | 6,5 | 1/4" | 12,2 | 21,0 | 35 | 0,10 |
| 1045-01-05 | 8,0 | 5/16" | 14,3 | 19,0 | 45 | 0,13 |
| 1045-01-06 | 10,0 | 3/8" | 16,0 | 16,0 | 55 | 0,15 |
| 1045-01-08 | 13,0 | 1/2" | 20,3 | 14,0 | 75 | 0,22 |
| 1045-01-12 | 19,0 | 3/4" | 27,1 | 9,0 | 140 | 0,33 |
| 1045-01-16 | 25,0 | 1" | 34,0 | 7,0 | 190 | 0,46 |

1047 HYDROSCAND T7012, TWIN

**Construction**

Inner tube: Polyester elastomer
 Cover: Oil and abrasion resistant polyurethane
 Reinforcement: One braid of polyester
 Safety factor: 1:4
 Temperature: -40°C – +100°C, air and water max +70°C
 Design: Supertwin, pin-pricked

Applications and characteristics

This hose is well suited for hydraulics and gas applications. The hose retains its flexibility in cold temperatures. Equivalent to SAE 100 R7.

Ferrule: 4200-27-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1047-03-03 | 5,0 | 3/16" | 9,6 | 21,0 | 25 | 0,12 |
| 1047-04-04 | 6,5 | 1/4" | 12,2 | 21,0 | 35 | 0,19 |
| 1047-05-05 | 8,0 | 5/16" | 14,3 | 19,0 | 45 | 0,25 |
| 1047-06-06 | 10,0 | 3/8" | 16,0 | 16,0 | 55 | 0,29 |
| 1047-08-08 | 13,0 | 1/2" | 20,3 | 14,0 | 75 | 0,43 |

1049-01 HYDROSCAND T8011

**Construction**

Inner tube: Polyester elastomer
 Cover: Oil and abrasion resistant polyurethane
 Reinforcement: One or two braids of aramid (Kelvar®)
 Safety factor: 1:4
 Temperature: -40°C – +100°C, air and water max +70°C
 Design: Black cover, pin-pricked

Applications and characteristics

The hose is well suitable for high pressure hydraulics and high pressure gas applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions.

Ferrule: 4200-27-xx (3/16" - 3/8")
 4200-28-xx (1/2" and larger)
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1049-01-03 | 5,0 | 3/16" | 8,9 | 35,0 | 30 | 0,05 |
| 1049-01-04 | 6,5 | 1/4" | 11,5 | 35,0 | 50 | 0,08 |
| 1049-01-06 | 10,0 | 3/8" | 15,5 | 28,0 | 60 | 0,13 |
| 1049-01-08 | 13,0 | 1/2" | 19,9 | 24,5 | 80 | 0,20 |
| 1049-01-12 | 19,0 | 3/4" | 26,9 | 16,5 | 150 | 0,32 |

1052 HYDROSCAND T8012, TWIN



Construction

Inner tube: Polyester elastomer
 Cover: Oil and weather resistant polyurethane
 Reinforcement: One braid of aramid (Kelvar®)
 Safety factor: 1:4
 Temperature: -40°C – +100°C, air and water max +70°C
 Design: Supertwin, black cover, pin-pricked

Applications and characteristics

The hose is well suitable for high pressure hydraulics when there is a need for twin hoses with textile reinforcements. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions.

Ferrule: 4200-27-xx (3/16" - 3/8")
 4200-28-xx (1/2" and larger)
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1052-04-04 | 6,5 | 1/4" | 11,5 | 35,0 | 30 | 0,16 |
| 1052-06-06 | 10,0 | 3/8" | 15,5 | 28,0 | 60 | 0,26 |
| 1052-08-08 | 13,0 | 1/2" | 19,9 | 24,5 | 80 | 0,40 |

1059-01 HYDROSCAND T8081 - NON CONDUCTIVE



Construction

Inner tube: Polyester elastomer
 Cover: Polyurethane
 Reinforcement: One braid of aramid (Kevlar®)
 Safety factor: 1:4
 Temperature: -40°C – +100°C, air and water max +70°C
 Design: Orange cover, non conductive

Applications and characteristics

This hose is well suited for high pressure hydraulics and high pressure lines. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions. The hose is non conductive.

Ferrule: 4200-27-xx (3/16" - 3/8")
 4200-28-xx (1/2" and larger)
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1059-01-04 | 6,5 | 1/4" | 11,5 | 35,0 | 50 | 0,08 |
| 1059-01-06 | 10,0 | 3/8" | 15,5 | 28,0 | 60 | 0,13 |
| 1059-01-08 | 13,0 | 1/2" | 19,9 | 24,5 | 80 | 0,20 |
| 1059-01-12 | 19,0 | 3/4" | 26,9 | 16,5 | 150 | 0,32 |
| 1059-01-16 | 25,0 | 1" | 34,2 | 14,0 | 200 | 0,44 |

1059-04 HYDROSCAND T8082, TWIN - NON CONDUCTIVE

**Construction**

| | |
|------------------|---|
| Inner tube: | Polyester elastomer |
| Yttertub: | Polyurethane |
| Armering: | One braid of aramid (Kevlar®) |
| Säkerhetsfaktor: | 1:4 |
| Temperatur: | -40°C – +100°C, air and water max +70° |
| Utförande: | Supertwin, orange cover, non conductive |

Applications and characteristics

This hose is well suited for high pressure hydraulics and high pressure lines. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures. Equivalent to SAE 100 R8 regarding pressure and SAE 100 R7 regarding dimensions. The hose is non conductive.

| | |
|----------------|------------|
| Ferrule: | 4200-27-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1059-04-04 | 6,5 | 1/4" | 11,5 | 35,0 | 50 | 0,16 |

1058-01 HYDROSCAND T3011

**Construction**

| | |
|----------------|---|
| Inner tube: | Polyester elastomer |
| Cover: | Oil and abrasion resistant polyurethane |
| Reinforcement: | One or two braids of aramid (Kelvar®) and one braid of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C, water max +70°C |
| Design: | Black cover |

Applications and characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

| | |
|----------------|------------|
| Ferrule: | 3500-01-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1058-01-04 | 6,5 | 1/4" | 14,0 | 70,0 | 35 | 0,15 |
| 1058-01-06 | 10,0 | 3/8" | 18,0 | 70,0 | 90 | 0,21 |

1058-50 HYDROSCAND T3081 - NON CONDUCTIVE**Construction**

Inner tube: Seamless polyester elastomer
 Cover: Oil and abrasion resistant polyurethane
 Reinforcement: One or two braids of aramid (Kelvar®) and one braid of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C, water max +70°C
 Design: Orange cover

Applications and characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications. The hose is non conductive.

Ferrule: 3500-01-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1058-50-06 | 10,0 | 3/8" | 18,0 | 55,0 | 70 | 0,21 |

1058 HYDROSCAND T3012, TWIN**Construction**

Inner tube: Seamless polyester elastomer
 Cover: Oil and abrasion resistant polyurethane
 Reinforcement: One or two braids of aramid (Kelvar®) and one braid of steel wire
 Safety factor: 1:4
 Temperature: -40°C – +100°C, water max +70°C
 Design: Black cover

Applications and characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications.

Ferrule: 3500-01-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1058-04-04 | 6,5 | 1/4" | 12,7 | 70,0 | 35 | 0,38 |
| 1058-06-06 | 10,0 | 3/8" | 18,4 | 70,0 | 90 | 0,66 |

1056-02 HYDROSCAND T3311

**Construction**

| | |
|----------------|--|
| Inner tube: | Polyester elastomer |
| Cover: | Oil, weather and abrasion resistant polyurethane |
| Reinforcement: | Two braids of aramid (Kelvar®) and one braid of steel wire |
| Safety factor: | 1:4 |
| Temperature: | -40°C – +100°C, water max +70°C |
| Design: | Black cover |

Applications and characteristics

This hose is suited for hydraulics with very high pressures, e.g. high pressure pumps and heavy duty applications. Due to the inner tube of polyester, the hose will retain its flexibility in cold temperatures.

| | |
|----------------|------------|
| Ferrule: | 3500-01-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1056-02-04 | 6,5 | 1/4" | 14,3 | 80,0 | 35 | 0,25 |

1057-01 HYDROSCAND T6071

**Construction**

| | |
|----------------|---|
| Inner tube: | Polyester elastomer |
| Cover: | Special polyester |
| Reinforcement: | One or two layers of polyester |
| Safety factor: | 1:4 |
| Temperature: | -55°C – +100°C, air and water max +70°C |
| Design: | Black cover, pin-pricked |

Applications and characteristics

The hose is suited for medium pressures and low temperatures, e.g. for forklifts in cold-storage rooms. Equivalent to, or exceeds SAE 100 R18.

| | |
|----------------|------------|
| Ferrule: | 4200-27-xx |
| Product group: | 110 |

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1057-01-03 | 5,0 | 3/16" | 9,6 | 21,0 | 25 | 0,06 |
| 1057-01-04 | 6,5 | 1/4" | 12,2 | 21,0 | 35 | 0,10 |
| 1057-01-05 | 8,0 | 5/16" | 14,3 | 21,0 | 45 | 0,13 |
| 1057-01-06 | 10,0 | 3/8" | 16,6 | 21,0 | 45 | 0,17 |
| 1057-01-08 | 13,0 | 1/2" | 22,5 | 21,0 | 70 | 0,30 |

1092-01 P.T.F.E. HOSE



Construction

Inner tube: Smooth P.T.F.E. (Teflon®)
 Reinforcement: One braid of stainless steel wire
 Safety factor: 1:4
 Temperature: -60°C – +260°C

Applications and characteristics

A very suitable hose for hazardous environments together with dissolvents, paint, hydraulic oils, food as well as other applications where high temperature, high pressure and resistance towards chemicals are needed along with elastic characteristics. Age resistant.

Ferrule: 4200-26-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm |
|-------------|-------|---------|-------|--------------|--------------|
| 1092-01-02 | 3,4 | 1/8" | 6,2 | 24,2 | 38 |
| 1092-01-03 | 5,1 | 3/16" | 8,1 | 19,8 | 64 |
| 1092-01-04 | 6,7 | 1/4" | 9,4 | 16,8 | 76 |
| 1092-01-05 | 8,4 | 5/16" | 11,1 | 15,5 | 102 |
| 1092-01-06 | 10,0 | 3/8" | 12,7 | 13,8 | 127 |
| 1092-01-08 | 13,2 | 1/2" | 16,6 | 12,1 | 152 |
| 1092-01-10 | 16,6 | 5/8" | 19,8 | 8,6 | 178 |
| 1092-01-12 | 19,8 | 3/4" | 23,0 | 7,8 | 203 |
| 1092-01-16 | 26,1 | 1" | 29,3 | 6,0 | 305 |

1093-01 P.T.F.E. HOSE - HEAVY WALL



Construction

Inner tube: Smooth P.T.F.E. (Teflon®), heavy wall
 Reinforcement: One braid of stainless steel wire
 Safety factor: 1:4
 Temperature: -60°C – +260°C

Applications and characteristics

The hose is suitable for very demanding material transportation. A very robust hose, especially suitable for low, oscillating temperatures. Age resistant.

Ferrule: 4200-26-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm |
|-------------|-------|---------|-------|--------------|--------------|
| 1093-01-04 | 6,7 | 1/4" | 10,1 | 17,3 | 51 |
| 1093-01-05 | 8,4 | 5/16" | 11,7 | 16,0 | 76 |
| 1093-01-06 | 10,0 | 3/8" | 13,4 | 13,8 | 83 |
| 1093-01-08 | 13,4 | 1/2" | 16,8 | 12,4 | 102 |
| 1093-01-10 | 16,6 | 5/8" | 20,1 | 8,6 | 127 |
| 1093-01-12 | 19,8 | 3/4" | 23,2 | 7,8 | 178 |
| 1093-01-16 | 26,1 | 1" | 29,5 | 5,3 | 292 |

1095 P.T.F.E. HOSE, DOUBLE STEEL BRAIDS



Construction

Inner tube: Smooth P.T.F.E. (Teflon®)
 Reinforcement: Double braids of stainless steel wire
 Safety factor: 1:4
 Temperature: -60°C – +260°C

Applications and characteristics

A very suitable hose for hazardous environments together with dissolvents, paint, fuels, hydraulic oils, food as well as other applications where high temperature, high pressure and resistance towards chemicals are needed along with elastic characteristics. Age resistant.

Ferrule: 4200-30-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm |
|-------------|-------|---------|-------|--------------|--------------|
| 1095-01-04 | 6,2 | 1/4" | 9,8 | 19,8 | 76 |
| 1095-01-06 | 8,9 | 3/8" | 13,0 | 19,0 | 127 |
| 1095-01-08 | 12,4 | 1/2" | 16,9 | 14,7 | 140 |

1091 P.T.F.E. HOSE, CONVOLUTED



Construction

Inner tube: Convoluted P.T.F.E. (Teflon®)
 Reinforcement: One braid of stainless steel wire, SS 2330
 Safety factor: 1:4
 Temperature: -70°C – +230°C

Applications and characteristics

A very flexible high pressure hose due to the convoluted inner tube. The hose is suitable for most hazardous environments. Large chemical resistance range, low friction and wide temperature range. Age resistant.

Ferrule: 4200-30-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm |
|-------------|-------|---------|-------|--------------|--------------|
| 1091-00-04 | 7,1 | 1/4" | 12,3 | 13,8 | 18 |
| 1091-00-06 | 9,5 | 3/8" | 15,5 | 11,2 | 20 |
| 1091-00-08 | 12,7 | 1/2" | 17,7 | 7,8 | 25 |
| 1091-00-10 | 15,9 | 5/8" | 22,1 | 6,8 | 50 |
| 1091-00-12 | 19,0 | 3/4" | 24,6 | 5,2 | 65 |
| 1091-00-16 | 25,5 | 1" | 30,7 | 3,5 | 90 |

1091-01 P.T.F.E. HOSE, CONVOLUTED



Construction

Inner tube: Convoluted P.T.F.E. (Teflon®)
 Reinforcement: Single stainless steel braid, SS2330 (AISI 304)
 Safety factor: 1:4
 Temperature: -54°C – +260°C

Applications and characteristics

A very flexible high pressure hose due to the convoluted inner tube. The hose is suitable for most installations in demanding environments. Large chemical resistance range, low friction and wide temperature range. Age resistant.

Ferrule: 4200-30-xx, 4200-30-xxS
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm |
|-------------|-------|---------|-------|--------------|--------------|
| 1091-01-04 | 6,6 | 1/4" | 10,4 | 15,0 | 18 |
| 1091-01-06 | 9,5 | 3/8" | 16,4 | 15,0 | 20 |
| 1091-01-08 | 12,7 | 1/2" | 19,8 | 13,5 | 25 |
| 1091-01-10 | 16,0 | 5/8" | 22,6 | 10,0 | 50 |
| 1091-01-12 | 19,0 | 3/4" | 26,6 | 8,0 | 65 |
| 1091-01-16 | 25,4 | 1" | 33,7 | 5,5 | 90 |

1096-01 P.T.F.E. HOSE, CONVOLUTED TAPED



Construction

Inner tube: Taped and convoluted P.T.F.E. (Teflon®)
 Reinforcement: One braid of stainless steel wire, SS 2330
 Safety factor: 1:4
 Temperature: -40°C – +205°C



Applications and characteristics

A very flexible high pressure hose due to the convoluted inner tube. The hose is suitable for most hazardous environments. Large chemical resistance range, low friction and wide temperature range. Age resistant.

Ferrule: 4200-30-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1096-01-06 | 10,00 | 3/8" | 15,5 | 12,5 | 50,0 | 0,25 |
| 1096-01-08 | 13,20 | 1/2" | 18,7 | 10,5 | 65,0 | 0,32 |
| 1096-01-10 | 16,00 | 5/8" | 22,0 | 10,0 | 80,0 | 0,41 |
| 1096-01-12 | 19,50 | 3/4" | 26,9 | 9,0 | 100,0 | 0,54 |
| 1096-01-16 | 25,45 | 1" | 32,9 | 8,0 | 125,0 | 0,72 |
| 1096-01-20 | 32,00 | 1 1/4" | 39,4 | 6,4 | 150,0 | 0,82 |
| 1096-01-24 | 38,15 | 1 1/2" | 45,9 | 5,3 | 200,0 | 1,05 |
| 1096-01-32 | 50,10 | 2" | 58,4 | 3,5 | 250,0 | 1,27 |

1096-11 P.T.F.E. ANTISTATIC

**Construction**

Inner tube: Taped and convoluted P.T.F.E. (Teflon®)
 Reinforcement: One braid of stainless steel wire, SS 2330
 Safety factor: 1:4
 Temperature: -40°C – +205°C

**Applications and characteristics**

A very flexible high pressure antistatic hose due to the convoluted inner tube. The hose is suitable for most hazardous environments. Large chemical resistance range, low friction and wide temperature range. Age resistant.

Ferrule: 4200-30-xx
 Product group: 110

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1096-11-06 | 10,00 | 3/8" | 15,5 | 12,5 | 50,0 | 0,25 |
| 1096-11-08 | 13,20 | 1/2" | 18,7 | 10,5 | 65,0 | 0,32 |
| 1096-11-10 | 16,00 | 5/8" | 22,0 | 10,0 | 80,0 | 0,41 |
| 1096-11-12 | 19,50 | 3/4" | 26,9 | 9,0 | 100,0 | 0,54 |
| 1096-11-16 | 25,45 | 1" | 32,9 | 8,0 | 125,0 | 0,72 |
| 1096-11-20 | 32,00 | 1 1/4" | 39,4 | 6,4 | 150,0 | 0,82 |
| 1096-11-24 | 38,15 | 1 1/2" | 45,9 | 5,3 | 200,0 | 1,05 |
| 1096-11-32 | 50,10 | 2" | 58,4 | 3,5 | 250,0 | 1,27 |
| 1096-11-40 | 64,50 | 2 1/2" | 75,0 | 2,5 | 320,0 | 2,31 |
| 1096-11-48 | 76,50 | 3" | 88,0 | 2,0 | 380,0 | 2,40 |

1201-10 SPIR STAR, TYPE 2

**Construction**

Inner diameter: 4-25 mm
 Inner tube: Polyoxymethylene, POM, (ID 4-8 mm), Polyamid PA, (ID 10-25 mm)
 Cover: Polyamid (PA)
 Reinforcement: Two layers of steel wire
 Safety factor: 1:2,5
 Temperature: -30°C – +60°C
 Working pressure 52,0-120,0 Mpa
 Design: Green

Applications and characteristics

Thermoplastic hose suitable for cleaning pipes and heat exchangers. Working pressure up to 1200 bar.

Product group: 140

| Part number | ID mm | ID inch | Work pr MPa | Bend rad mm | Weight kg/m |
|-------------|-------|---------|-------------|-------------|-------------|
| 1201-10-02 | 4 | 5/32" | 1200 | 75 | 0,11 |
| 1201-10-03 | 5 | 3/16" | 1040 | 95 | 0,125 |
| 1201-10-04 | 6,3 | 1/4" | 1000 | 110 | 0,175 |
| 1201-10-05 | 8,1 | 5/16" | 900 | 130 | 0,2 |
| 1201-10-06 | 10,1 | 3/8" | 690 | 160 | 0,28 |
| 1201-10-08 | 12,9 | 1/2" | 690 | 200 | 0,435 |
| 1201-10-12 | 19 | 3/4" | 520 | 240 | 0,75 |
| 1201-10-16 | 24,8 | 1" | 440 | 300 | 0,95 |

1201-11 SPIR STAR, TYPE 2W



Construction

| | |
|----------------|----------------------------|
| Inner tube: | Polyamid / Nylon 11/12 |
| Cover: | Polyurethane |
| Reinforcement: | Four spirals of steel wire |
| Safety factor: | 1:2,5 |
| Temperature: | -30°C – +80°C |
| Design: | Black |

Applications and characteristics

A Spir Star-hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1201-11-02 | 4,0 | 1/8" | 9,8 | 140,0 | 65 | 0,16 |
| 1201-11-04 | 6,0 | 1/4" | 11,7 | 128,0 | 95 | 0,23 |
| 1201-11-05 | 8,0 | 5/16" | 13,8 | 100,0 | 110 | 0,29 |
| 1201-11-06 | 10,0 | 3/8" | 16,8 | 100,0 | 125 | 0,43 |
| 1201-11-08 | 12,8 | 1/2" | 20,4 | 100,0 | 150 | 0,59 |

1201-16 SPIR STAR, TYPE 2WR



Construction

| | |
|------------------|------------------------------|
| Inner diameter: | 8 and 12,8 mm |
| Inner tube: | Polyamid PA |
| Cover: | Polyuretan (PUR) |
| Reinforcement: | Two+two layers of steel wire |
| Safety factor: | 1:2,5 |
| Temperature: | -30°C – +60°C |
| Working pressure | 52,0-120,0 Mpa |
| Design: | Silver |

Applications and characteristics

Thermoplastic hose for hydrodemolition and water blasting with working pressures up to 1040 bar.

Product group: 140

| Part number | ID mm | ID inch | Work pr. MPa | Bend rad mm | Weight kg/m |
|-------------|-------|---------|--------------|-------------|-------------|
| 1201-16-05 | 8 | 5/16" | 1040 | 110 | 0,364 |
| 1201-16-08 | 12,8 | 1/2" | 1040 | 150 | 0,59 |

1201-30 SPIR STAR, TYPE 4**Construction**

| | |
|----------------|-------------------------------|
| Inner tube: | Polyamid / Nylon 11/12 or POM |
| Cover: | Polyamid / Nylon 11/12 |
| Reinforcement: | Four spirals of steel wire |
| Safety factor: | 1:2,5 |
| Temperature: | -30°C – +80°C |
| Design: | Grey |

Applications and characteristics

A Spir Star-hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1201-30-02 | 4,0 | 1/8" | 10,3 | 216,0 | 130 | 0,23 |
| 1201-30-03 | 5,0 | 3/16" | 11,2 | 180,0 | 150 | 0,26 |
| 1201-30-04 | 6,3 | 1/4" | 12,6 | 150,0 | 180 | 0,30 |
| 1201-30-05 | 8,0 | 5/16" | 14,6 | 150,0 | 200 | 0,39 |
| 1201-30-06 | 9,9 | 3/8" | 18,4 | 150,0 | 200 | 0,69 |
| 1201-30-08 | 12,8 | 1/2" | 21,4 | 128,0 | 200 | 0,80 |
| 1201-30-10 | 16,0 | 5/8" | 25,0 | 100,0 | 250 | 0,94 |
| 1201-30-12 | 19,8 | 3/4" | 29,6 | 100,0 | 250 | 1,35 |

1201-40 SPIR STAR, TYPE 6**Construction**

| | |
|----------------|-------------------------------|
| Inner tube: | Polyamid / Nylon 11/12 or POM |
| Cover: | Polyamid / Nylon 11/12 |
| Reinforcement: | Six spirals of steel wire |
| Safety factor: | 1:2,5 |
| Temperature: | -30°C – +80°C |
| Design: | Blue |

Applications and characteristics

A Spir Star-hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1201-40-02 | 4,0 | 1/8" | 11,5 | 280,0 | 175 | 0,36 |
| 1201-40-03 | 5,0 | 3/16" | 13,4 | 262,0 | 200 | 0,45 |
| 1201-40-05 | 8,0 | 5/16" | 16,4 | 200,0 | 250 | 0,64 |
| 1201-40-06 | 9,8 | 3/8" | 20,4 | 192,0 | 250 | 1,00 |
| 1201-40-08 | 12,8 | 1/2" | 23,4 | 168,0 | 300 | 1,16 |
| 1201-40-12 | 18,8 | 3/4" | 31,4 | 140,0 | 350 | 1,92 |

1201-46 SPIR STAR, TYPE 6H

**Construction**

| | |
|----------------|-------------------------------|
| Inner tube: | Polyamid / Nylon 11/12 or POM |
| Cover: | Polyamid / Nylon 11/12 |
| Reinforcement: | Six spirals of steel wire |
| Safety factor: | 1:2,5 |
| Temperature: | -30°C – +80°C |
| Design: | Red |

Applications and characteristics

A hose for high pressure hydraulics and water cleaning. The hose is delivered assembled with fittings according to customer demand. All hoses are tested and certified before delivery.

Product group: 140

| Part number | ID mm | ID inch | OD mm | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|-------|--------------|--------------|-------------|
| 1201-46-03 | 5,0 | 3/16" | 13,8 | 280,0 | 220 | 0,52 |
| 1201-46-05 | 8,0 | 5/16" | 17,8 | 250,0 | 260 | 0,83 |

1201-47 SPIR STAR, TYPE 6 UHP-X

**Construction**

| | |
|------------------|--------------------------|
| Inner diameter: | 7,6 mm |
| Inner tube: | Polyoxymethylene (POM) |
| Cover: | Polyamid (PA) |
| Reinforcement: | Six layers of steel wire |
| Safety factor: | 1:2,5 |
| Temperature: | -30°C – +60°C |
| Working pressure | 303,5 Mpa |
| Design: | Yellow |

Applications and characteristics

Thermoplastic hose for hydrodemolition and water blasting with working pressures up to 3035 bar.

Produktgruppe: 140

| Part number | ID mm | ID inch | Work pr. MPa | Bend rad. mm | Weight kg/m |
|-------------|-------|---------|--------------|--------------|-------------|
| 1201-47-05 | 7,6 | 5/16" | 3035 | 300 | 1,055 |



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