

## 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% O<sub>2</sub>), 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

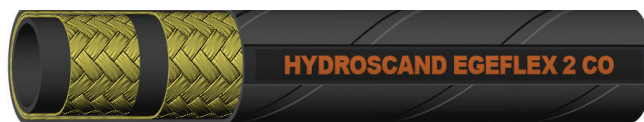
#### Egefex 1 CO

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.



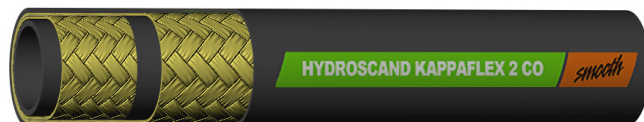
#### Egefex 2 CO

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.



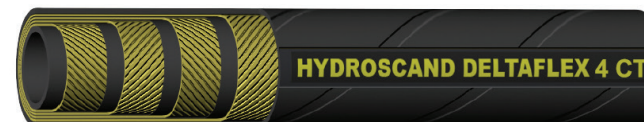
#### Kappaflex 3 CO+

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).



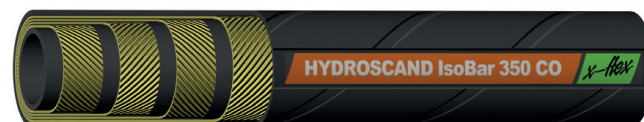
#### IsoBar 35 CO / IsoBar 42 CO

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

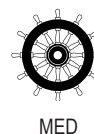
**1105-10 KAPPAFLEX 2K C0, BOBIN**

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+

MSHA

**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

## 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**

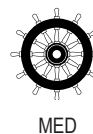
Part number	Dimension	Min. length	Max length
1101-14-04-30	1/4"	160	260
1101-14-06-30	3/8"	100	160
1101-14-08-30	1/2"	70	110



## 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).

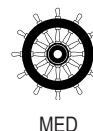
Ferrule:	4200-12-xx, 4200-22-xx, 4200-23-xx
Product group:	100

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 label, 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
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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
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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

**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**

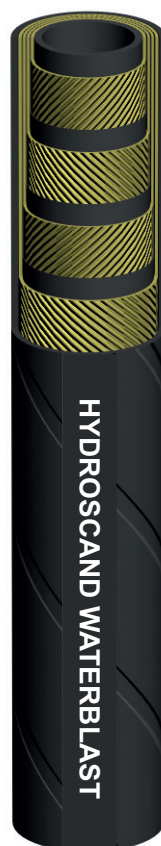
The hose is suitable for very high pressures in combination with very high impulses and a lot of external abrasion. Equivalent to, or exceeds EN 856 R13. The hose is MSHA-approved (flame resistant).

Ferrule: 4400-13-xx  
 Product group: 110

**MSHA**

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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