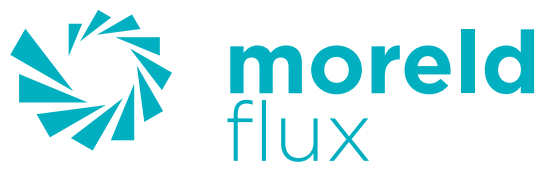










# Group 1

## Hydraulic Hoses



Page	Contents
2	Index
3	Hydraulic Hoses, Type 1SN, 2SN
4	Compact Hydraulic Hoses, Type 1SC, 2SC, 477, SAE 100 R16
6	Hydraulic Hoses, Type 4SP, 4SH
7	Hydraulic Hoses, Type R13/R15
8-10	Compact Hydraulic Hoses, Type GlobalCore 387, 487, 722, 787, 797
11	Washing Hoses, Active Wash Compact, 463
12	Blastopark, Firearmor Blowout Preventer
13	Protective Spirals, Straps

### Symbol Key

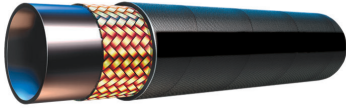
#										
Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m
1SN-04	6.3	1/4	-04	13.4	225	3270	900	13000	100	0.24
Part No	Inside Diameter			Out. Diam.	Working Pressure		Burst Pressure		Bend Radius	Weight

Please note that many of the hydraulic hoses can be supplied with highly abrasion resistant cover, MSHA approved.

- TOUGH COVER (TC) for example 2SC-06TC
- SUPER TOUGH COVER (ST) for example 2SC-06ST

# HYDRAULIC HOSES 1SN / 2SN

1



## Type EN 853 1SN / ISO 1436 1 Layer Hydraulic Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi).

The combination of high temperature and high pressure reduces the hose's lifespan. Hoses and swaged couplings are also available with type approvals from a number of classification societies.

### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 1 layer steel wire braid  
Internal: Nitrile rubber (NBR)

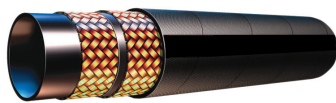
### TEMPERATURE RANGE:

-40°C to +100°C for hydraulic oils  
-40°C to +85°C for water  
-40°C to +70°C for air

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
1SN-04	6.3	1/4	-04	13.4	225	3260	900	13000	100	0.24	48
1SN-05	7.9	5/16	-05	15.0	215	3125	860	12500	115	0.27	48
1SN-06	9.5	3/8	-06	17.4	180	2610	720	10400	130	0.34	48
1SN-08	12.7	1/2	-08	20.7	160	2320	640	9280	180	0.43	48
1SN-10	15.9	5/8	-10	23.9	130	1880	520	7500	200	0.49	48
1SN-12	19.0	3/4	-12	27.8	105	1530	420	6100	240	0.63	48
1SN-16	25.4	1	-16	35.8	88	1270	352	5100	300	0.94	48
1SN-20	31.8	1 1/4	-20	44.8	63	910	252	3650	420	1.19	48
1SN-24	38.1	1 1/2	-24	51.1	50	725	200	2900	500	1.49	48
1SN-32	50.8	2	-32	64.7	40	580	160	2300	630	2.23	48



## Type EN 853 2SN / ISO 1436 2 Layers Hydraulic Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi).

The combination of high temperature and high pressure reduces the hose's lifespan. Hoses and swaged couplings are also available with type approvals from a number of classification societies.

### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 2 layers steel wire braid  
Internal: Nitrile rubber (NBR)

### TEMPERATURE RANGE:

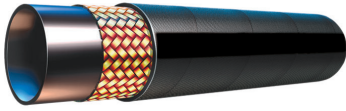
-40°C to +100°C for hydraulic oils  
-40°C to +85°C for water  
-40°C to +70°C for air

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
2SN-04	6.3	1/4	-04	15.0	400	5800	1600	23200	100	0.39	48
2SN-05	7.9	5/16	-05	16.6	350	5075	1400	20300	115	0.42	48
2SN-06	9.5	3/8	-06	19.0	330	4775	1320	19100	130	0.55	48
2SN-08	12.7	1/2	-08	22.2	275	4000	1100	16000	180	0.67	48
2SN-10	15.9	5/8	-10	25.4	250	3600	1000	14500	200	0.77	48
2SN-12	19.0	3/4	-12	29.3	215	3100	860	12400	240	1.00	48
2SN-16	25.4	1	-16	38.1	165	2400	660	9600	300	1.49	48
2SN-20	31.8	1 1/4	-20	47.5	125	1800	500	7200	420	1.73	48
2SN-24	38.1	1 1/2	-24	55.0	90	1300	360	5200	500	2.14	48
2SN-32	50.8	2	-32	67.0	80	1150	320	4600	630	2.96	48

# HIGH PRESSURE COMPACT HOSES 1SC / 2SC



## Type EN 857 1SC / ISO 11237 1 Layer Compact Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi).

The combination of high temperature and high pressure reduces the hose's lifespan. Hoses and swaged couplings are also available with type approvals from a number of classification societies.

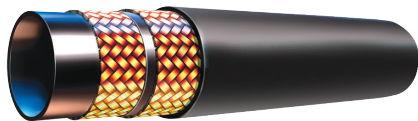
### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 1 layer steel wire braid  
Internal: Nitrile rubber (NBR)  
TEMPERATURE RANGE:  
-40°C to +100°C for hydraulic oils  
-40°C to +85°C for water  
-40°C to +70°C for air

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
1SC-04	6,4	1/4	-4	11,5	280	4060	1120	16240	75	0,18	46
1SC-05	7,9	5/16	-5	13,6	250	3625	1000	14500	85	0,21	46
1SC-06	9,5	3/8	-6	15,5	225	3260	900	13050	90	0,25	46
1SC-08	12,7	1/2	-8	18,9	190	2755	760	11020	130	0,33	46
1SC-10	15,9	5/8	-10	22,2	150	2175	600	8700	150	0,41	46
1SC-12	19,1	3/4	-12	26,0	150	2175	600	8700	180	0,56	46
1SC-16	25,4	1	-16	33,3	110	1595	440	6380	230	0,75	46
1SC-20	31,8	1 1/4	-20	40,0	75	1085	300	4350	335	0,93	46



## Type EN 857 2SC / ISO 11237 2SC 2 Layers Compact Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi).

The combination of high temperature and high pressure reduces the hose's lifespan.

### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 2 layers steel wire braid  
Internal: Nitrile rubber (NBR)  
TEMPERATURE RANGE:  
-40°C to +100°C for hydraulic oils  
-40°C to +85°C for water  
-40°C to +70°C for air

SUPPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST

- TOUGH COVER (TC)

- SUPER TOUGH COVER (ST)

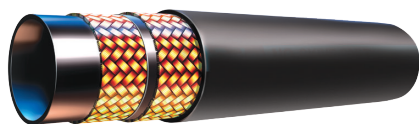
#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
2SC-04	6.3	1/4	-04	13.4	425	6160	1700	24640	75	0.30	43/46/48
2SC-05	7.9	5/16	-05	15.0	400	5800	1600	23200	85	0.35	43/46/48
2SC-06	9.5	3/8	-06	17.2	350	5075	1400	20300	90	0.42	43/46/48
2SC-08	12.7	1/2	-08	20.4	310	4495	1240	17980	130	0.52	43/46/48
2SC-10	15.9	5/8	-10	23.9	280	4060	1120	16240	160	0.66	43/46/48
2SC-12	19.0	3/4	-12	27.7	280	4060	1120	16240	195	0.86	43/46/48
2SC-16	25.4	1	-16	35.4	210	3045	840	12180	250	1.17	43/46/48
2SC-20	31.8	1 1/4	-20	43.0	172	2495	688	9980	335	1.50	43/46/48

# HIGH PRESSURE COMPACT HOSES

1



## Type 477 2 Layers Compact Hose

### APPLICATIONS:

For truck cranes and lifting equipment such as fork lift trucks, aerial lifts, cranes, telehandlers, lifting platforms. Based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi). The combination of high temperature and high pressure reduces the hose's lifespan.

### CONSTRUCTION:

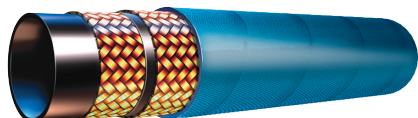
Covering: Black synthetic rubber  
 Reinforcement: 2 layers steel wire braid  
 Internal: Nitrile rubber (NBR)  
 TEMPERATURE RANGE:  
 -40°C to +100°C for hydraulic oils  
 -40°C to +85°C for water  
 -40°C to +70°C for air

SUPPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST  
 - TOUGH COVER (TC) - SUPER TOUGH COVER (ST)

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
477-04	6,4	1/4	-4	13,1	450	6500	1800	26000	65	0,32	48
477-05	7,9	5/16	-5	14,9	430	6100	1700	24400	70	0,35	48
477-06	9,5	3/8	-6	17,2	400	5800	1600	23200	75	0,42	48
477-08	12,7	1/2	-8	20,4	380	5500	1520	22000	105	0,55	48
477-10	15,9	5/8	-10	23,4	350	5000	1400	20000	160	0,65	48
477-12	19,1	3/4	-12	27,2	350	5000	1400	20000	200	1,10	48
477-16	25,4	1	-16	34,8	280	4000	1120	16000	250	1,34	48



## Type SAE 100 R16 High temperature Hose 2 Layers Compact Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, biodegradable oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi). The combination of high temperature and high pressure reduces the hose's lifespan.

### CONSTRUCTION:

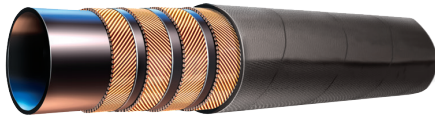
Covering: Blue synthetic rubber MSA approved  
 Reinforcement: 2 layers steel wire braid  
 Internal: Synthetic rubber PKR  
 TEMPERATURE RANGE:  
 -48°C to +150°C for hydraulic oils  
 -48°C to +85°C for water  
 -48°C to +70°C for air

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
2SC-06HT	9,5	3/8	-06	17,0	275	4000	1100	16000	65	0,42	48
2SC-08HT	12,7	1/2	-08	20,0	240	3500	960	14000	90	0,51	48
2SC-10HT	15,9	5/8	-10	24,0	190	2750	760	11000	100	0,66	48
2SC-12HT	19,0	3/4	-12	28,0	155	2250	620	9000	120	0,80	48
2SC-16HT	25,4	1	-16	36,0	138	2000	550	8000	150	1,22	48

# HYDRAULIC HOSES 4SP / 4SH



## Type EN 856 4SP / ISO 3862-1 4 Layers Hydraulic Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi).

The combination of high temperature and high pressure reduces the hose's lifespan. The hose is not suitable for constant immersion in oil. Hoses and couplings are also available with type approvals from a number of classification societies.

### CONSTRUCTION:

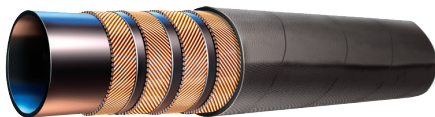
Covering: Black synthetic rubber  
Reinforcement: 4 layers steel wire spirals  
Internal: Synthetic rubber  
TEMPERATURE RANGE:  
-40°C to +100°C for hydraulic oils  
-40°C to +85°C for water  
-40°C to +70°C for air

SUPPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST  
- TOUGH COVER (TC) - SUPER TOUGH COVER (ST)

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
4SP-06	9.5	3/8	-06	21.4	445	6450	1780	25800	130	0.91	1004
4SP-08	12.7	1/2	-08	24.6	415	6000	1660	24000	180	1.08	1004
4SP-10	15.9	5/8	-10	28.5	390	5650	1560	22600	225	1.39	1004
4SP-12	19.0	3/4	-12	32.0	350	5000	1400	20300	280	1.73	1104
4SP-16	25.4	1	-16	39.7	310	4500	1240	18000	355	2.31	1104
4SP-20	31.8	1 1/4	-20	47.5	280	4050	1120	16200	460	3.07	1104
4SP-24	38.1	1 1/2	-24	53.5	260	3750	1040	15000	560	3.56	1104



## Type EN 856 4SH / ISO 3862-1 4 Layers Hydraulic Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi).

The combination of high temperature and high pressure reduces the hose's lifespan. The hose is not suitable for constant immersion in oil. Hoses and swaged couplings are also available with type approvals from a number of classification societies.

### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 4 layers steel wire spirals  
Internal: Synthetic rubber  
TEMPERATURE RANGE:  
-40°C to +100°C for hydraulic oils  
-40°C to +85°C for water  
-40°C to +70°C for air

SUPPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST  
- TOUGH (TC) - SUPER TOUGH (ST)

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
4SH-12	19.0	3/4	-12	32.2	430	6250	1720	25000	280	1.7	1104
4SH-16	25.4	1	-16	38.7	400	5800	1600	23200	340	2.2	1104
4SH-20	31.8	1 1/4	-20	45.5	350	5000	1400	20000	460	2.6	1104
4SH-24	38.1	1 1/2	-24	53.5	310	4500	1240	18000	560	3.4	1104
4SH-32	50.8	2	-32	68.1	280	4050	1120	16200	700	4.8	1104

# HYDRAULIC HOSES R13 / R15

1



## Type R13/R15 / ISO 3862-1 4/6 Layers Hydraulic Hose

### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi). The combination of high temperature and high pressure reduces the hose's lifespan. The hose is not suitable for constant immersion in oil. Hoses and swaged couplings are also available with type approvals from a number of classification societies.

### CONSTRUCTION:

Covering: Black synthetic rubber  
 Reinforcement: 4 or 6 layers steel wire spirals  
 Internal: Synthetic rubber  
**TEMPERATURE RANGE:**  
 -40°C to +100°C for hydraulic oils  
 -40°C to +85°C for water  
 -40°C to +70°C for air

SUPPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST  
 - TOUGH (TC) - SUPER TOUGH (ST)

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
R13-20	31.8	1,1/4	-20	49.8	345	5000	1380	20000	380	3.7	1306
R13-24	38.1	1,1/2	-24	57.3	345	5000	1380	20000	480	4.8	1306
R13-32	50.8	2	-32	71.1	345	5000	1380	20000	600	6.6	1306
R15-10	15.9	5/8	-10	28.5	420	6000	1680	24000	225	1.4	1104
R15-12	19.1	3/4	-12	32.0	420	6000	1680	24000	280	1.7	1104
R15-16	25.4	1	-16	39.0	420	6000	1680	24000	300	2.3	1104
R15-20	31.8	1,1/4	-20	50.8	420	6000	1680	24000	400	3.8	1306
R15-24	38.1	1,1/2	-24	57.0	420	6000	1680	24000	500	4.8	1306
R15-32	50.8	2	-32	71.5	420	6000	1680	24000	700	7.0	1306

# HIGH PRESSURE COMPACT HOSES

## GlobalCore

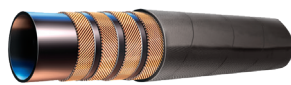
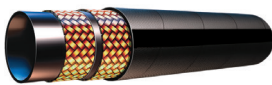


### Type GlobalCore

GlobalCore hoses are designed, engineered and manufactured to the global specification, ISO 18752 which is based on performance and pressure requirements. GlobalCore hoses are tested to twice their ISO standard and ensure maximum performance in rugged environment and high impulse applications. Select the GlobalCore hose according to the working pressure required for your application.

Hoses type	-4	-6	-8	-10	-16	-20	-24	-32	-40	-48	
7 MPa / 1,000 psi										187	187
21 MPa / 3,000 psi	387	387	387	387	387	387	387	387	387		
28 MPa / 4,000 psi	487	487/722	487/722	487/722	487/722	487/722	487	487	487		
35 MPa / 5,000 psi	787	787	787	787	787	787	787	787	787		
42 MPa / 6,000 psi	797	797	797	797	797	797	797	797	797		

Fittings type	-4	-6	-8	-10	-16	-20	-24	-32	-40	-48	
7 MPa / 1,000 psi										2piece 48	2piece 48
21 MPa / 3,000 psi	43/48	43/48	43/48	43/48	43/48	43/48	43/77	77	77		
28 MPa / 4,000 psi	43/48	43/48	43/48	43/48	43/48	43	77	77	77		
35 MPa / 5,000 psi	43/48	43/48	77	77	77	77	77	77	77		
42 MPa / 6,000 psi	43/48	43	77	77	77	77	77	77	77		



### Type GlobalCore 387 Hose

#### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils. Lightweight and flexible, 387 hose consistently delivers maximum performance and hose life across all sizes and markets using an efficient force-to-flex design. Designed according to ISO 18752 specifications.

APPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST  
 - TOUGH COVER (TC)      - SUPER TOUGH COVER (ST)

#### CONSTRUCTION:

Covering: Black synthetic rubber  
 Reinforcement: 2 layers steel wire braid / 4 layers from size -20  
 Internal: Nitrile rubber (NBR)  
 TEMPERATURE RANGE  
 -40°C to +100°C for standard cover  
 -40°C to +125°C for TC and ST

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
387XX -4	6,4	1/4	-4	13,4	210	3000	840	12000	50	0,24	43 / 48
387XX -6	9,5	3/8	-6	17,4	210	3000	840	12000	65	0,34	43 / 48
387XX -8	12,7	1/2	-8	20,7	210	3000	840	12000	90	0,43	43 / 48
387XX -10	15,9	5/8	-10	23,9	210	3000	840	12000	100	0,49	43 / 48
387XX -12	19,1	3/4	-12	27,8	210	3000	840	12000	120	0,86	43 / 48
387XX -16	25,4	1	-16	35,4	210	3000	840	12000	150	1,17	43 / 48
387XX -20	31,8	1 1/4	-20	46,3	210	3000	840	12000	210	2,59	43 / 77
387XX -24	38,1	1 1/2	-24	52,8	210	3000	840	12000	250	2,99	77
387XX -32	50,8	2	-32	66,2	210	3000	840	12000	320	4,09	77



# HIGH PRESSURE COMPACT HOSES GlobalCore

1



Type GlobalCore  
487 Hose

**APPLICATIONS:**

High pressure hose for petroleum-based hydraulic oils. Lightweight and flexible, Constructed for high performance and easy handling with low force-to-flex or ease of installation.

Designed according to ISO 18752 specifications.

APPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST

- TOUGH COVER (TC) - SUPER TOUGH COVER (ST)

**CONSTRUCTION:**

Covering:

Black synthetic rubber

Reinforcement:

2 layers steel wire braid /

4 layers from size -16 to -24

6 layers for size -32

Nitrile rubber (NBR)

Internal:

TEMPERATURE RANGE

-40°C to +100°C

for standard cover

-40°C to +125°C

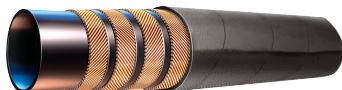
for TC and ST



#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
487XX -4	6,4	1/4	-4	13,1	280	4000	1120	16000	50	0,30	43 / 48
487XX -6	9,5	3/8	-6	17,2	280	4000	1120	16000	65	0,42	43 / 48
487XX -8	12,7	1/2	-8	20,4	280	4000	1120	16000	90	0,52	43 / 48
487XX -10	15,9	5/8	-10	23,9	280	4000	1120	16000	100	0,66	43 / 48
487XX -12	19,1	3/4	-12	27,8	280	4000	1120	16000	120	0,86	43 / 48
487XX -16	25,4	1	-16	37,8	280	4000	1120	16000	150	1,99	43
487XX -20	31,8	1 1/4	-20	46,3	280	4000	1120	16000	210	2,59	77
487XX -24	38,1	1 1/2	-24	52,8	280	4000	1120	16000	250	3,08	77
487XX -32	50,8	2	-32	64,8	280	4000	1120	16000	320	4,09	77



Type GlobalCore  
722 Hose

**APPLICATIONS:**

High pressure hose for petroleum-based hydraulic oils. Lightweight and flexible, Resilient 4-wire spiral construction. Engineered to ensure longer life in high-impulse, heavy duty cycle applications.

Designed according to ISO 18752 specifications.

APPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST

- TOUGH COVER (TC) - SUPER TOUGH COVER (ST)

**CONSTRUCTION:**

Covering:

Black synthetic rubber

Reinforcement:

4 layers steel wire braid

Internal:

Nitrile rubber (NBR)

TEMPERATURE RANGE

-40°C to +100°C

for standard cover

-40°C to +125°C

for TC and ST



#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
722XX -6	9,5	3/8	-6	19,9	280	4000	1120	16000	65	0,60	43
722XX -8	12,7	1/2	-8	22,7	280	4000	1120	16000	90	0,80	43
722XX -10	15,9	5/8	-10	26,4	280	4000	1120	16000	100	1,10	43
722XX -12	19,1	3/4	-12	30,7	280	4000	1120	16000	120	1,40	43
722XX -16	25,4	1	-16	37,8	280	4000	1120	16000	150	1,99	43

# HIGH PRESSURE COMPACT HOSES

## GlobalCore



Type Global Core  
787 Hose

#### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils. Lightweight and flexible, with a compact spiral design that offers enhanced chemical compatibility in routing and installation.

Designed according to ISO 18752 specifications.

APPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST  
- TOUGH COVER (TC) - SUPER TOUGH COVER (ST)

#### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 2 layers steel wire braid / 4/6 layers from size -8 to -32  
Internal: Nitrile rubber (NBR)

#### TEMPERATURE RANGE

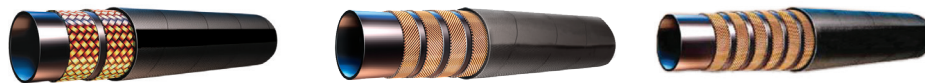
-40°C to +100°C for standard cover  
-40°C to +125°C for TC and ST



#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
787XX -4	6,3	1/4	-4	13,0	350	5000	1400	20000	50	0,31	43 / 48
787XX -6	10,0	3/8	-6	17,2	350	5000	1400	20000	63	0,42	43 / 48
787XX -8	12,7	1/2	-8	21,1	350	5000	1400	20000	90	0,67	77
787XX -10	15,9	5/8	-10	23,9	350	5000	1400	20000	100	0,80	77
787XX -12	19,1	3/4	-12	27,9	350	5000	1400	20000	120	1,16	77
787XX -16	25,4	1	-16	35,7	350	5000	1400	20000	150	1,74	77
787XX -20	31,8	1 1/4	-20	44,9	350	5000	1400	20000	210	2,89	77
787XX -24	38,1	1 1/2	-24	52,8	350	5000	1400	20000	255	3,96	77
787XX -32	50,8	2	-32	67,6	350	5000	1400	20000	318	6,50	77



Type Global Core  
797 Hose

#### APPLICATIONS:

High pressure hose for petroleum-based hydraulic oils. Lightweight and flexible, tested up to 2,000,000 cycles, 797 hose provides enhanced chemical compatibility and service life with an easy-to-install compact spiral construction for high pressure, high impulse applications.

Designed according to ISO 18752 specifications.

APPLIED WITH EXTRA COVER OUTSIDE COATING ON REQUEST  
- TOUGH COVER (TC) - SUPER TOUGH COVER (ST)

#### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 2 layers steel wire braid -4 / 6 layers from size -6 to -32  
Internal: Nitrile rubber (NBR)

#### TEMPERATURE RANGE

-40°C to +100°C for standard cover  
-40°C to +125°C for TC and ST



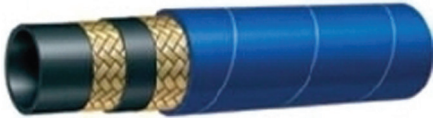
#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
797XX -4	6,3	1/4	-4	13,0	420	6000	1680	24000	50	0,31	43 / 48
797XX -6	10,0	3/8	-6	17,0	420	6000	1680	24000	63	0,46	43
797XX -8	12,7	1/2	-8	21,1	420	6000	1680	24000	100	0,67	77
797XX -10	15,9	5/8	-10	23,9	420	6000	1680	24000	115	0,80	77
797XX -12	19,1	3/4	-12	27,9	420	6000	1680	24000	135	1,16	77
797XX -16	25,4	1	-16	35,7	420	6000	1680	24000	165	1,74	77
797XX -20	31,8	1 1/4	-20	44,9	420	6000	1680	24000	225	2,89	77
797XX -24	38,1	1 1/2	-24	52,8	420	6000	1680	24000	305	3,96	77
797XX -32	50,8	2	-32	67,6	420	6000	1680	24000	380	6,50	77

# HIGH PRESSURE WASHING HOSES

1



## Type Active Wash Compact High pressure water cleaning

### APPLICATIONS:

High pressure hose with synthetic, heat-resistant internal rubber, 2 layers steel wire braid, blue synthetic rubber cover, lightweight, very flexible. Synthetic, oil- and weather-resistant covering. Special hose for hot-water high pressure washers. The combination of high temperature and high pressure reduces the hose's lifespan.

### CONSTRUCTION:

Covering: Blue synthetic rubber  
Reinforcement: 2 layers steel wire braid  
Internal: Synthetic rubber  
TEMPERATURE RANGE: -40°C to +120°C

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
2SC-05W	7.9	5/16	-05	15.0	400	5800	1200	17400	75	0.31	46
2SC-06W	9.5	3/8	-06	17.4	400	5800	1200	17400	90	0.38	002SC
2SC-08W	12.7	1/2	-08	20.6	350	5075	1050	15225	110	0.48	002SC



## Type Active Wash 463 High pressure water cleaning

### APPLICATIONS:

High pressure hose with synthetic, heat-resistant internal rubber, 2 layers steel wire braid, blue synthetic rubber cover, lightweight, very flexible. Synthetic, oil and weather-resistant covering. Special hose for hot-water high pressure washers. The covering needs to be removed before attaching couplings (skive). The combination of high temperature and high pressure reduces the hose's lifespan.

### CONSTRUCTION:

Covering: Blue synthetic rubber  
Reinforcement: 2 layers steel wire braid  
Internal: Synthetic rubber  
TEMPERATURE RANGE: water max. +120°C

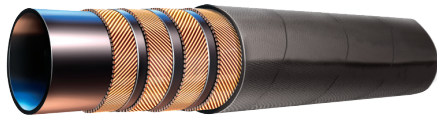
#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m
463-06-BLU	9.5	3/8	-06	17.4	400	5800	1200	17400	90	0.38
463-08-BLU	12.7	1/2	-08	20.6	350	5075	1050	15225	110	0.48

# HYDRAULIC HOSES

## BLASTOPAK / FIREARMOR BLOWOUT PREVENTER



**Blastopak DIN EN 1829-2**  
4/6 Layers Hydraulic Hose

#### APPLICATIONS:

Water blasting applications, water cutting applications, cleaning and paint or corrosion removal. Not recommended for dynamic hydraulic applications.  
recommended fluid: water, water-soap emulsion.  
Approved DIN EN 1829-2.

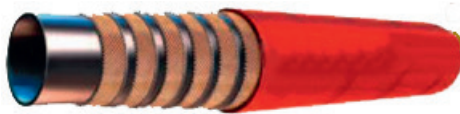
#### CONSTRUCTION:

Covering: Black synthetic rubber  
Reinforcement: 4 or 6 layers steel wire spirals  
Internal: Synthetic rubber  
TEMPERATURE RANGE:  
continuous service -10°C to +70°C  
Max. service -40°C to +93°C

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
BPK-04	6,4	1/4	-4	17,6	1100	15900	2750	39800	100	0,64	WB
BPK-06	9,5	3/8	-6	21,8	1100	15900	2750	39800	130	1,10	WB
BPK-08	12,7	1/2	-8	25,5	1100	15900	2750	39800	200	1,40	WB
BPK-12	19,1	3/4	-12	35,2	1100	15900	2750	39800	250	2,50	WB
BPK-16	25,4	1	-16	41,8	800	11600	2000	29000	300	3,00	WB



**Firearmor Blowout Preventer API 16D**  
4/6 Layers Hydraulic Hose

#### APPLICATIONS:

Hydraulic system that operates the BOP security valve, both armored and without external protection. To be used on all rigs where fire resistance acc. to API 16D specifications are required.

High-pressure hose for petroleum-based hydraulic oils, \*water-glycol and \*water-oil hydraulic emulsions, grease, lubricants, crude oil, diesel, air and water. The hose must be pin-prickled for air and gas applications over 17 bar (250psi).

Meets API 16D – Lloyd's 1000/499 fire test

#### CONSTRUCTION:

Covering: Special red flame resistant compound  
Reinforcement: 4 or 6 layers steel wire spirals  
Internal: Synthetic rubber  
TEMPERATURE RANGE:  
-40°C to +100°C for hydraulic oils  
-40°C to +85°C for water  
-40°C to +70°C for air

#



Part No	mm	inch	dash	mm	bar	psi	bar	psi	mm	kg/m	Fitting Series
F5-06	9,5	3/8	-6	22,8	350	5000	1400	20000	130	0,91	1004
F5-08	12,7	1/2	-8	25,2	350	5000	1400	20000	180	1,08	1004
F5-10	15,9	5/8	-10	29,5	350	5000	1400	20000	225	1,39	1104
F5-12	19,1	3/4	-12	32,4	350	5000	1400	20000	280	1,70	1104
F5-16	25,4	1	-16	39,0	350	5000	1400	20000	340	2,20	1104
F5-20	31,8	1 1/4	-20	46,6	350	5000	1400	20000	460	2,60	1104
F5-24	38,1	1 1/2	-24	58,7	350	5000	1400	20000	480	4,80	1306
F5-32	50,8	2	-32	72,0	350	5000	1400	20000	600	6,70	1306

## PROTECTIVE SPIRALS

Construction: Spiral made yellow polyethylene HDPE in dimensions 54 mm - 160 mm. Yellow polyethylene MDPE in dimension 32 mm.  
 Temperature range: -30°C to +180°C.  
 Applications: Wrap around hoses and cables to protect and keep them together.

Ext. dim mm	Part No	Standard length meter	Spiral thickness mm
32	BOV-6032	6	2.5
54	BOV-6054	6	3.5
75	BOV-6075	6	5.5
110	BOV-6110	6	6.5
160	BOV-6160	6	6.5



Construction: Spiral made of black tempered PVC, hardness SHORE D. Flame-resistant according to UL 94VO.  
 Temperature range: -20°C to +70°C.  
 Applications: Wrap around hoses and cables to protect and keep them together.

Part No	ID/OD mm	Std. length meter	Spiral thickness mm	For hose OD mm	Weight g/m	Spiral Pitch
SSW-16	13/16	20	1.6	12 - 18	80	11
SSW-20	16/20	20	1.7	16 - 26	100	13
SSW-25	20/25	20	2.1	20 - 27	170	14.5
SSW-29	24/29	20	2.5	23 - 30	240	15
SSW-30	25/30	20	2.5	25 - 33	250	15
SSW-32	27/32	20	2.6	27 - 35	295	16
SSW-35	30/35	20	2.7	30 - 35	330	18
SSW-40	35/40	20	2.8	35 - 60	420	20.5
SSW-50	44/50	20	3	35 - 75	600	23
SSW-65	56/65	20	3.5	50 - 90	850	26
SSW-75	65/75	20	4.3	60 - 120	1150	30
SSW-90	80/90	20	5	75 - 200	1600	35
SSW-112	100/112	20	5.5	90 - 220	2200	46
SSW-132	120/132	20	6	110 - 240	2850	50

## HOSE STRAPS "Flux"



Construction: Sturdy, black polyester with zinc-plated chromated safety lock. Width 25 mm. Thickness approx. 1.5 mm.  
 Tensile strength: 250 kg.  
 Applications: Used for attachment of hoses and cables etc.  
 Length 500 mm Part No REIM-0500  
 Length 750 mm Part No REIM-0750  
 Length 1000 mm Part No REIM-1000  
 Length 1500 mm Part No REIM-1500  
 Length 2000 mm Part No REIM-2000

Also available in red and green.

