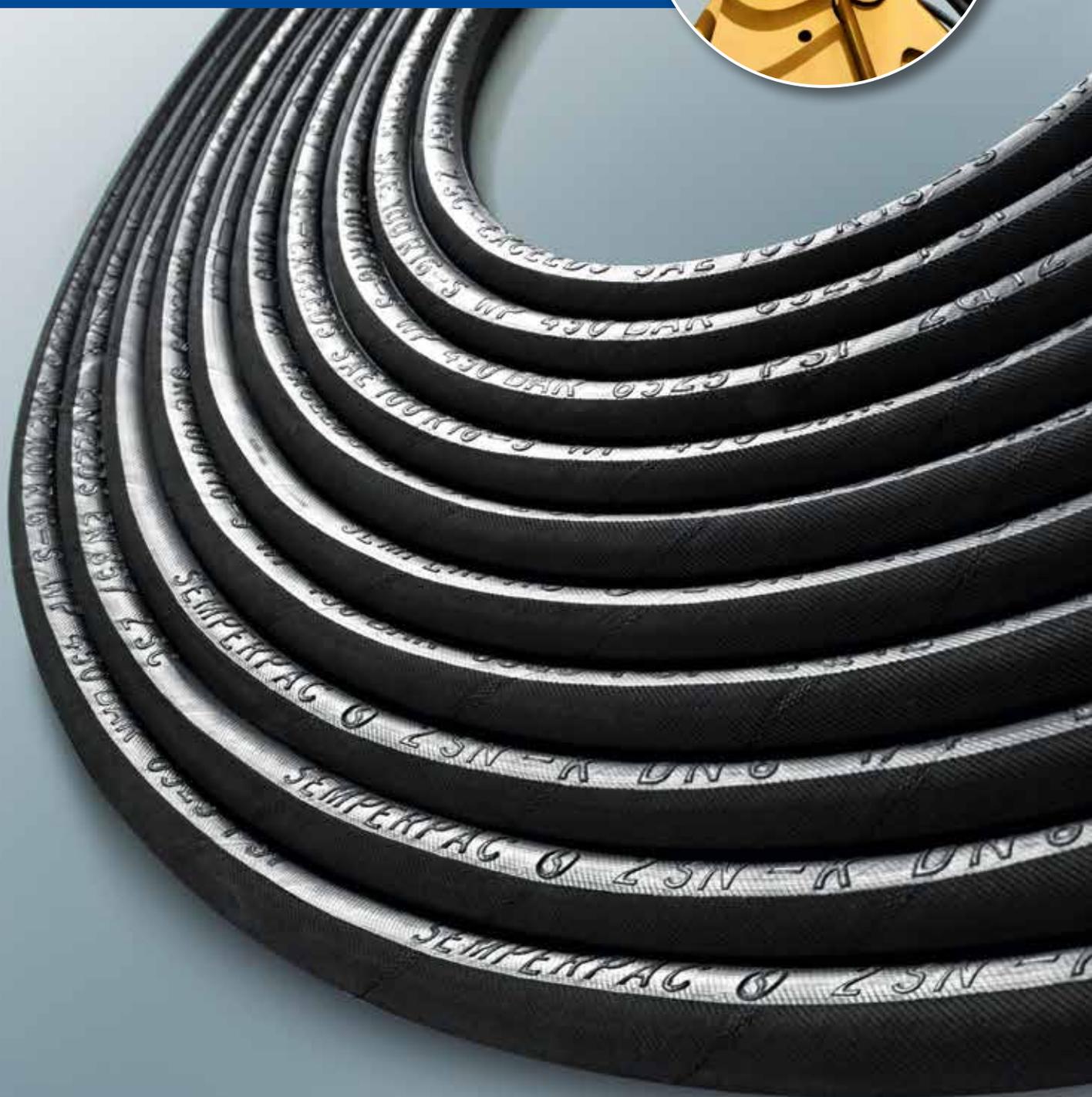


TOP PERFORMANCE UNDER PRESSURE

SEMPERIT Hydraulic and Pressure Washer Hoses





SEMPERIT AT A GLANCE

Almost two centuries of experience, a worldwide presence, and a leading role in the rubber industry make Semperit your reliable partner.

Semperit AG Holding has been a worldwide leading supplier of natural and synthetic rubber products for more than 190 years. We have achieved and maintained this position by focusing on high quality and reliability. Our partners appreciate these strengths, which have made Semperit a global player today.

Semperit products and services capitalise on global trends such as increasing health and hygiene requirements, and increasing industrialisation in emerging markets, supporting our continuous and sustainable growth. Over 7.000 people are employed in our industrial and medical sectors worldwide. With 22 production plants and numerous subsidiaries and sales offices, the Semperit Group has a presence in Europe, Asia, America and Australia, with a diverse product portfolio that is equipped for the constant changes in these markets.

Our strategy in a word: growth.

Targeting above average growth and a leading global market position for our products is our goal. To achieve this we will strengthen our core competencies, promote internationally, and develop cost leadership in order to become and remain the leader in our target markets.

In both, the industrial and medical sectors, the signs point toward growth. Our goal will be to average double-digit volume growth by 2020. This growth rate is to be achieved through the expansion of production capacity at existing locations and strategic acquisitions of other companies.

A true global player. Semperit is already an international company and further globalisation of the group will be driven by the continued expansion of existing sales channels, and by consistently opening new markets.

A top position in all business segments.

Semperit is a leading global supplier of high quality rubber products. This has been achieved through outstanding know-how in development, production, and sales.

We succeed through quality, service, and reliability and aim to achieve cost leadership through productivity gains and consistent cost management in all areas. This is the basis for the high level of acceptance of the Semperit brand by our customers.

The business activities of Semperit are divided into two sectors: Industrial and Medical.

SEMPERIT

INDUSTRIAL SECTOR

- Semperflex** Hydraulic and industrial hoses
- Sempertrans** Conveyor belts with textile or steel cord carcasses
- Semperform** Escalator handrails, building construction profiles, cable car rings, rubber foils and railway superstructure products, rubber sheeting

MEDICAL SECTOR

- Sempermed** Examination, surgical and protective gloves



Sites of Semperit AG Holding

The Semperit Group is one of the leading companies in the international rubber industry, with 22 production facilities and numerous distribution companies in Europe, Asia, America and Australia.

We think ahead and act sustainably.

Sustainable corporate management has been a top priority at Semperit since it was founded nearly two centuries ago. Through this, we have created an economic, ecological, and social balance for our long-term success.

Innovation with tradition. The on-going development of products and the continuing optimisation of production are of central importance for Semperit. The research and development centre in Wimpassing (Austria) acts as a think-tank for processes in all product areas, encouraging the constant exchange of experiences and ideas, which gives feedback directly to our production areas as well as to the market. Through the innovations of today, Semperit is creating the foundation for tomorrow's success.

Customer oriented. Uncompromising quality, fair pricing, close-to-market products, and a global presence are expressions of the strong customer orientation at Semperit. We are also distinguished by our level of high reliability and customers from around the world can rely on our top quality and the best service.

Sustainably responsible. Sustainable actions and environmental management are part of the Semperit tradition and are deeply rooted in our strategy. We place great importance on fair working conditions, employee benefits, and promotion of the local economy. However, corporate responsibility goes far beyond direct business activities, and Semperit supports a range of social projects in the locations where we are based, as well as a number of global aid agencies.

SEMPERFLEX – TOP PERFORMANCE UNDER PRESSURE

Semperflex develops, produces, and distributes high quality hydraulic and industrial hoses, perfectly adapted for the needs of today's demanding markets.

Semperflex Hydraulics – Top performance, meter by meter

Semperflex Hydraulics' effective performance is characterized by its complete range of high quality application-oriented hydraulic hoses.

In addition to classic standardised hose types conforming to worldwide accepted standards, i.e. SAE J 517 and EN 853 to 857, Semperflex has further developed a range of compact hoses to its own specifications, with extraordinary performance values designed for modern high-performance hydraulic applications.

Our standard of products and services is recognized worldwide as one of the best available in a variety of mar-



ket segments such as construction, agriculture, material handling, mining, and high pressure cleaning. A globally connected international team of excellent development engineers and technicians, in combination with a worldwide quality control system certified to ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007, ensures our high quality level for today's and tomorrow's market demands.

Professional worldwide local sales offices enable us to react quickly on local customer feedback and market demands.





CONTENT



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A network of application specialists completes our service with expert consulting and advisory services for fittings, crimping, assemblies, and testing.

Our clear dedication to expand our operations throughout the world, with the aim of strengthening our position as one of the leading manufacturers of steel-reinforced hydraulic and pressure washer hoses, combined with the well proven products and high level of service, make Semperflex a reliable partner for your current and future secure supply!

SEMPERFLEX – ALWAYS A RELIABLE PARTNER!



HOSES AND WORKING MEDIUM

Our hydraulic hoses are generally suitable for mineral and synthetic oil-based hydraulic fluids (HL, HLP, HLPD, HVLP), for oil-water emulsions (HFAE, HFAS, HFB), and for water-glycol solutions (HFC), as well as for vegetable and mineral oil-based lubricants. In individual cases, there may be restrictions to the use due to manufacturer-specific oil additives.

Our hydraulic hoses are not suitable for hydraulic fluids based on chlorinated hydrocarbons or phosphate esters (HFD-R/S/T).

Our hydraulic hoses are suitable for compressed air up to a maximum of 50 bar/ 80°C, with a restricted service life-time.

In principle, they are suitable for biodegradable hydraulic fluids (bio-oils, HETG, HEPG, HEES), but this may be restricted by manufacturer-specific oil additives.

Caution: The hose's inner surface (inner liner) must be appropriate for the medium used in the application (oil, water, air), as otherwise the hose can be damaged or destroyed by the working medium or its contents and eventually fail, which can result in (partial or serious) material damage and personal injury.

For safety reasons, in case of individual questions or uncertainties about the choice, use or proper handling, please contact a Semperit specialist.

Semperjet: Overview of working pressure and bend radius on p. 17

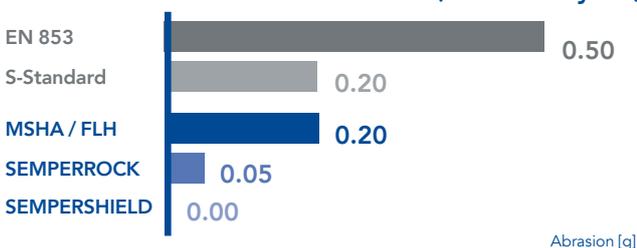
DN			DIN EN 853 1 SN / SAE 100 R1AT [p. 8]	DIN EN 857 1 SC [p. 8]	SAE 100 R 17 [p. 8]	DIN EN 853 2 SN / SAE 100 R2AT [p. 9]	DIN EN 857 2 SC [p. 9]	SAE 100 R 16-S [p. 9]	SEMPERPAC 1 SN-K [p. 10]	SEMPERPAC 2 SN-K [p. 10]	SEMPERSHIELD SSC [p. 10]	DIN EN 853 1 SN EHT [p. 11]	SEMPERPILOT [p. 11]	AGROFLEX [p. 11]	SUPERPAC SFC 2 [p. 12]	SUPERPAC SFC 3 [p. 12]	DIN EN 856 4 SP [p. 13]	DIN EN 856 4 SH [p. 13]	DIN EN 856 / SAE 100 R 12 [p. 13]	DIN EN 856 / SAE 100 R 13 [p. 14]	SAE 100 R 15 [p. 14]	FLEXLINE 4000 [p. 15]	FLEXLINE 5000 [p. 15]	FLEXLINE 6000 [p. 15]		
Working pressure [wp] in bar																										
mm	inch	dash	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	[wp]	
6	1/4	-4	225	225	210	400	400	400	290	450	400	225	125	210												
8	5/16	-5	215	215	210	350	350	350	250	420	375	215	125	210												
10	3/8	-6	180	180	210	330	330	330	230	385	350	180	125	210		500	445		280		420	280	380	420		
12	1/2	-8	160	160	210	275	275	275	200	345	300	160	125	210	380	470	425		280		420	280	380	420		
16	5/8	-10	130	130	210	250	250	250	150	290	275	130			350	410	350	420	280		420	280	380	420		
19	3/4	-12	105	105	210	215	215	215	125	280	235	105			375	350	350	420	280	350	420	280	380	420		
25	1	-16	88	88	210	165	165	165	110	200	185	88			230	310	320	380	280	350	420	280	350	420		
31	1-1/4	-20	63			125			100	175		63					210	350	210	350	420		350	420		
38	1-1/2	-24	50			90						50					185	290	175	350	420					
51	2	-32	40			80						40					165	250	175	350	420					
Bend radius [br] in mm																										
mm	inch	dash	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	[br]	
6	1/4	-4	100	75	50	100	75	50	40	45	75	100	30	45												
8	5/16	-5	115	85	55	115	85	55	55	60	85	115	40	50												
10	3/8	-6	125	90	65	130	90	65	65	70	90	125	50	60		120	180		125		150	65	65	65		
12	1/2	-8	180	130	90	180	130	90	80	90	130	180	60	85	130	160	230		180		200	90	90	90		
16	5/8	-10	200	150	100	200	170	100	105	130	170	200			180	210	250	200	200		235	100	100	100		
19	3/4	-12	240	180	120	240	200	120	120	160	200	240				260	300	280	240	240	265	120	120	240		
25	1	-16	300	230	150	300	250	150	160	210	250	300			240	310	340	340	300	300	330	155	150	270		
31	1-1/4	-20	420			420			300	300		420					460	460	420	420	445		280			
38	1-1/2	-24	500			500						500					560	560	500	500	530					
51	2	-32	630			630						630					660	700	630	630	600					

MODULAR SYSTEM FOR HYDRAULIC HOSES

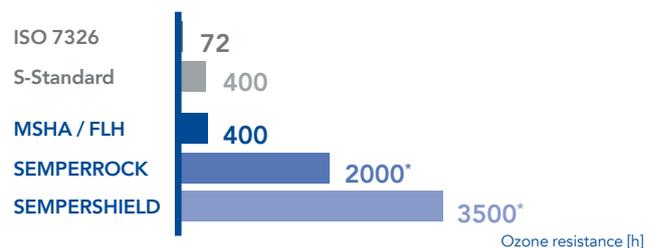
1	HOSES	2	COVERS	3	BRANDINGS
	 <p>HOSE</p> <p>One Wire Braid Hydraulic Hoses Two Wire Braid Hydraulic Hoses Semperit Specialities Wire Braid Hydraulic Hoses Multispiral Hydraulic Hoses Semperit Specialities Multispiral Hydraulic Hoses</p>	+	 <p>COVER</p> <p>Standard Semperit Cover</p> <ul style="list-style-type: none"> Improved wear and abrasion resistance compared to EN/ISO requirements Improved ozone resistance compared to EN/ISO requirements <p>MSHA Cover</p> <ul style="list-style-type: none"> Mine Safety and Health Administration Standard Cover for Spiral Hoses Flame retardant <p>FLH Cover</p> <ul style="list-style-type: none"> Mining cover DSK and Loba approved Flame retardant MSHA approved <p>SEMPERROCK Cover</p> <ul style="list-style-type: none"> Very high wear and abrasion resistance Very high ozone resistance Very high weather and salt water resistance Flame retardant MSHA approved <p>SEMPERSHIELD Cover</p> <p>Double layer construction – rubber cover with UHMPE foil</p> <ul style="list-style-type: none"> Outstanding wear and abrasion resistance Outstanding ozone and UV resistance MSHA approved 	+	 <p>BRANDING</p> <p>Embossed Branding</p> <p>Standard for Wire Braid Hoses (Except Sempershield cover), Pressure Washer Hoses, Spiral Hoses with FLH/DSK Cover</p> <p>Mylar Tape Branding</p> <p>Standard for Spiral hoses (except FLH Cover), Wire Braid Hoses with Sempershield Cover</p> <p>Inkjet Branding</p> <p>Standard for 1SN EHT, Agroflox, Semperpilot</p>

Please contact our sales department to discuss details.

ABRASION VALUES ACC. TO EN 853 (25N/2000 cycles)

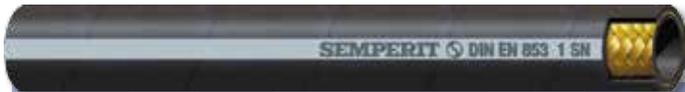


OZONE RESISTANCE ACC. TO ISO 7326



* Extrapolated Values
 Singular test result

ONE WIRE BRAID HYDRAULIC HOSES



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.9	13.0	225	3265	450	900	100	0.19
8	5/16	8.3	12.5	14.7	215	3120	430	860	115	0.22
10	3/8	9.9	14.8	16.7	180	2610	360	720	125	0.28
12	1/2	13.0	17.9	20.0	160	2320	320	640	180	0.36
16	5/8	16.4	21.0	23.2	130	1885	260	520	200	0.44
19	3/4	19.5	25.0	27.1	105	1525	210	420	240	0.56
25	1	26.0	32.9	35.1	88	1275	176	352	300	0.83
31	1-1/4	32.5	39.9	42.5	63	915	150	252	420	1.07
38	1-1/2	38.7	46.5	50.1	50	725	100	200	500	1.42
51	2	51.1	60.1	64.1	40	580	80	160	630	2.01

DIN EN 853 1 SN / SAE 100 R1AT

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

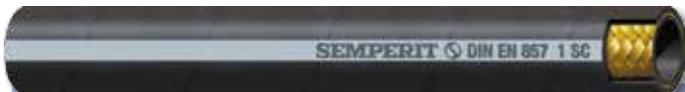
One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	9.9	11.9	225	3265	450	900	75	0.16
8	5/16	8.3	11.7	13.7	215	3120	430	860	85	0.21
10	3/8	9.9	13.6	15.7	180	2610	360	720	90	0.26
12	1/2	13.0	16.6	19.5	160	2320	320	640	130	0.34
16	5/8	16.4	20.3	22.3	130	1885	260	520	150	0.39
19	3/4	19.5	24.0	26.0	105	1525	210	420	180	0.50
25	1	26.0	31.0	33.2	88	1275	176	352	230	0.74

DIN EN 857 1 SC

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.4	12.4	210	3000	420	840	50	0.16
8	5/16	8.3	12.0	14.1	210	3000	420	840	55	0.22
10	3/8	9.9	13.9	16.0	210	3000	420	840	65	0.27
12	1/2	13.0	17.6	19.5	210	3000	420	840	90	0.39
16	5/8	16.4	21.7	23.8	210	3000	420	840	100	0.61
19	3/4	19.5	25.5	27.6	210	3000	420	840	120	0.76
25	1	26.0	34.0	36.2	210	3000	420	840	150	1.27

SAE 100 R 17

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

One braid DN 06 – DN 12 and two braids DN 16 – DN 25 of high tensile steel wire

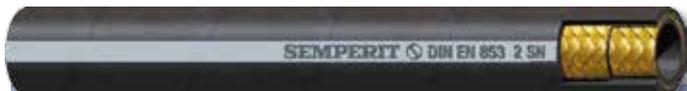
Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)

TWO WIRE BRAID HYDRAULIC HOSES



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	12.4	14.4	400	5800	800	1600	100	0.31
8	5/16	8.3	14.0	16.0	350	5075	700	1400	115	0.37
10	3/8	9.9	16.4	18.4	330	4785	660	1320	130	0.44
12	1/2	13.0	19.4	21.4	275	4000	550	1100	180	0.53
16	5/8	16.4	22.6	24.6	250	3625	500	1000	200	0.66
19	3/4	19.5	26.6	28.6	215	3120	430	860	240	0.84
25	1	26.0	34.5	37.1	165	2395	330	660	300	1.23
31	1-1/4	32.5	43.9	46.7	125	1815	250	500	420	1.77
38	1-1/2	38.7	51.1	54.5	90	1305	180	360	500	2.17
51	2	51.1	62.9	66.7	80	1160	160	320	630	2.79

DIN EN 853 2 SN / SAE 100 R2AT

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	11.0	13.0	400	5800	800	1600	75	0.25
8	5/16	8.3	12.7	14.7	350	5075	700	1400	85	0.30
10	3/8	9.9	14.7	16.6	330	4785	660	1320	90	0.37
12	1/2	13.0	18.0	20.0	275	3990	550	1100	130	0.45
16	5/8	16.4	21.9	23.9	250	3625	500	1000	170	0.61
19	3/4	19.5	25.7	27.6	215	3120	430	860	200	0.76
25	1	26.0	32.9	35.6	165	2395	330	660	250	1.15

DIN EN 857 2 SC

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	11.7	13.7	400	5800	800	1600	50	0.25
8	5/16	8.3	13.0	15.0	350	5075	700	1400	55	0.27
10	3/8	9.9	15.1	17.0	330	4780	660	1320	65	0.36
12	1/2	13.0	18.3	20.5	275	3980	550	1100	90	0.46
16	5/8	16.4	21.9	23.9	250	3620	500	1000	100	0.63
19	3/4	19.5	25.5	27.7	215	3110	430	860	120	0.78
25	1	26.0	32.7	35.3	165	2390	330	660	150	1.16

SAE 100 R 16-S

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)

SPECIALITIES WIRE BRAID HYDRAULIC HOSES



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.3	12.1	290	4205	580	1160	40	0.17
8	5/16	8.3	11.7	13.7	250	3625	500	1000	55	0.21
10	3/8	9.9	13.6	15.9	230	3335	460	920	65	0.26
12	1/2	13.0	16.9	19.2	200	2900	400	800	80	0.34
16	5/8	16.4	20.3	22.3	150	2175	300	600	105	0.39
19	3/4	19.5	23.9	26.1	125	1815	250	500	120	0.50
25	1	26.0	31.0	33.2	110	1595	220	440	160	0.74
31	1-1/4	32.5	40.2	43.7	100	1450	200	400	300	1.28

Impulse tested up to 700.000 cycles according to ISO 6803!

SEMPERPAC 1 SN-K

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

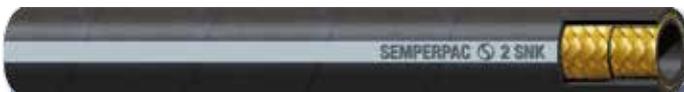
One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	11.4	13.4	450	6525	900	1800	45	0.27
8	5/16	8.3	13.0	15.0	420	6090	840	1680	60	0.31
10	3/8	9.9	14.9	17.0	385	5585	770	1540	70	0.39
12	1/2	13.0	18.7	20.7	345	5000	690	1380	90	0.52
16	5/8	16.4	21.9	23.6	290	4205	580	1160	130	0.61
19	3/4	19.5	25.7	27.7	280	4060	560	1120	160	0.79
25	1	26.0	32.9	35.6	200	2900	400	800	210	1.15
31	1-1/4	32.5	40.5	43.5	175	2540	350	700	300	1.57

Impulse tested up to one million cycles! (DN31 to 200.000 cycles)

SEMPERPAC 2 SN-K

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	11.0	13.0	400	5800	800	1600	75	0.27
8	5/16	8.3	12.7	14.6	375	5440	750	1500	85	0.31
10	3/8	9.9	14.7	17.1	350	5000	700	1400	90	0.39
12	1/2	13.0	18.0	20.0	300	4350	600	1200	130	0.48
16	5/8	16.4	21.9	24.0	275	4000	550	1100	170	0.64
19	3/4	19.5	25.6	27.5	235	3400	470	940	200	0.79
25	1	26.0	32.9	35.8	185	2680	370	740	250	1.22

SEMPSHIELD SSC

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Two braids of high tensile steel wire

Cover:

Double layer construction – rubber cover with UHMPE foil – MSHA approved. Outstanding abrasion and ozone resistance

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)

SPECIALITIES WIRE BRAID HYDRAULIC HOSES



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	11.1	13.5	225	3265	450	900	100	0.23
8	5/16	8.3	12.7	15.1	215	3120	430	860	115	0.27
10	3/8	9.9	15.1	17.5	180	2610	360	720	125	0.36
12	1/2	13.0	18.3	20.6	160	2320	320	640	180	0.44
16	5/8	16.4	21.4	23.5	130	1885	260	520	200	0.50
19	3/4	19.5	25.4	27.8	105	1525	210	420	240	0.66
25	1	26.0	33.3	35.6	88	1275	176	352	300	0.93
31	1-1/4	32.5	40.3	42.2	63	915	150	250	420	1.14
38	1-1/2	38.7	47.3	51.1	50	725	100	200	500	1.80
51	2	51.1	60.5	63.3	40	580	80	160	630	2.01

DIN EN 853 1 SN EHT

Tube:

Synthetic rubber, suitable for hot oil, hydraulic fluids, mineral and synthetic oils, glycols, polyglycols and aqueous oil emulsions (up to 100°C)

Reinforcement:

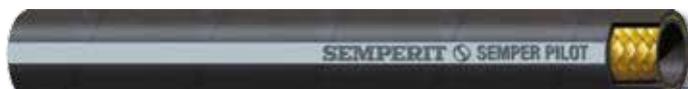
One braid of high tensile steel wire

Cover:

Heat, abrasion and ozone resistant synthetic rubber, MSHA approved

Temperature range (medium):

-40°C to 135°C (up to 150°C peak temperatures)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	9.9	11.5	125	1800	250	500	30	0.16
8	5/16	8.3	11.6	13.6	125	1800	250	500	40	0.22
10	3/8	9.9	12.9	14.4	125	1800	250	500	50	0.20
12	1/2	13.0	16.3	19.4	125	1800	250	500	60	0.35

SEMPERILOT

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

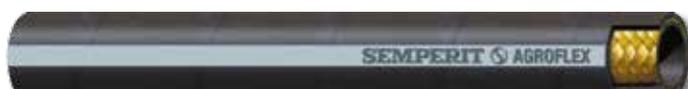
One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber.

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	9.9	12.0	210	3000	420	840	45	0.17
8	5/16	8.3	11.7	13.7	210	3000	420	840	50	0.22
10	3/8	9.9	13.6	15.7	210	3000	420	840	60	0.27
12	1/2	13.0	17.1	19.3	210	3000	420	840	85	0.39

AGROFLEX



Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

One braid of high tensile steel wire

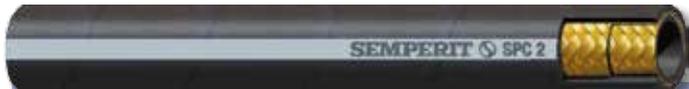
Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)

SPECIALITIES WIRE BRAID HYDRAULIC HOSES



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
12	1/2	13.0	19.4	21.4	380	5515	760	1520	130	0.59
16	5/8	16.4	22.4	24.7	350	5080	700	1400	180	0.72
25	1	26.0	34.0	35.8	230	3330	460	920	240	1.27

Impulse tested up to 400.000 cycles according to ISO 6803!

SUPERPAC SPC 2

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

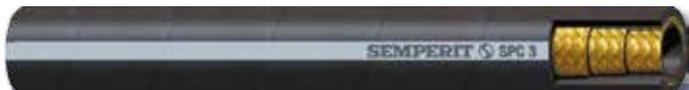
Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
10	3/8	9.9	16.8	20.9	500	7250	1000	2000	120	0.66
12	1/2	13.0	20.6	24.1	470	6820	940	1880	160	0.89
16	5/8	16.4	24.0	27.8	410	5945	820	1640	210	1.10
19	3/4	19.5	28.1	31.1	375	5440	750	1500	260	1.33
25	1	26.0	36.2	38.8	310	4500	620	1240	310	1.87

Impulse tested up to 400.000 cycles according to ISO 6803!

SUPERPAC SPC 3

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Three braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
19	3/4	19.0	-	29.0	21	300	-	84	95	0.60
25	1	25.4	-	35.4	17	250	-	68	125	0.70
31	1-1/4	31.8	-	41.8	14	200	-	56	160	0.90
38	1-1/2	38.1	-	49.0	10	140	-	40	200	1.10
51	2	51.0	-	62.0	7	100	-	28	255	1.35
63	2-1/2	63.5	-	76.5	5	70	-	20	315	1.90
76	3	76.2	-	89.2	5	70	-	20	380	2.50
89	3-1/2	89.0	-	102.0	5	70	-	20	400	2.80
102	4	102.0	-	116.0	5	70	-	20	510	3.80

SAE 100 R 4

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Textile wrapped, zinc plated double steel wire helix (ID > 2 1/2" zinc plated steel wire helix)

Cover:

Abrasion and ozone resistant synthetic rubber

Temperature range (medium):

-40°C to 100°C

MULTISPIRAL HYDRAULIC HOSES



Nominal Ø	Inside Ø	Spiral Ø	Outside Ø	Working pressure		Test pressure	Burst pressure	Bend radius	Weight	
				bar	psi					
10	3/8	9.9	17.7	21.0	445	6455	890	1780	180	0.70
12	1/2	13.0	20.6	24.2	425	6465	850	1700	230	0.85
16	5/8	16.4	24.2	27.9	350	5075	700	1400	250	1.11
19	3/4	19.5	28.3	31.9	350	5075	700	1400	300	1.41
25	1	26.0	35.1	39.1	320	4640	640	1280	340	1.86
31	1-1/4	32.5	45.9	51.3	210	3045	420	840	460	3.30
38	1-1/2	38.7	52.1	56.8	185	2685	370	740	560	3.88
51	2	51.1	65.4	70.2	165	2395	330	660	660	5.09

DIN EN 856 4 SP

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four high tensile steel wire spiral layers

Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø	Inside Ø	Spiral Ø	Outside Ø	Working pressure		Test pressure	Burst pressure	Bend radius	Weight	
				bar	psi					
16	5/8	16.4	24.2	27.9	420	6090	840	1680	200	1.11
19	3/4	19.5	28.3	31.9	420	6090	840	1680	280	1.43
25	1	26.0	35.4	38.2	380	5510	760	1520	340	1.98
31	1-1/4	32.5	42.3	46.1	350	5075	700	1400	460	2.55
38	1-1/2	38.7	49.2	53.4	290	4200	580	1160	560	3.26
51	2	51.1	63.2	68.0	250	3625	500	1000	700	4.72

DIN EN 856 4 SH

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four high tensile steel wire spiral layers

Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 100°C (max 120°C intermittent)



Nominal Ø	Inside Ø	Spiral Ø	Outside Ø	Working pressure		Test pressure	Burst pressure	Bend radius	Weight	
				bar	psi					
10	3/8	9.9	17.4	20.2	280	4060	560	1120	125	0.67
12	1/2	13.0	20.6	24.2	280	4060	560	1120	180	0.84
16	5/8	16.4	24.2	27.9	280	4060	560	1120	200	1.09
19	3/4	19.5	27.9	30.5	280	4060	560	1120	240	1.33
25	1	26.0	35.1	37.9	280	4060	560	1120	300	1.77
31	1-1/4	32.5	44.1	46.6	210	3045	420	840	420	2.59
38	1-1/2	38.7	49.9	53.3	175	2540	350	700	500	3.22
51	2	51.1	63.7	66.6	175	2540	350	700	630	4.42

DIN EN 856 / SAE 100 R 12

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four high tensile steel wire spiral layers

Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 121°C

MULTISPIRAL HYDRAULIC HOSES



Nominal Ø	Inside Ø	Spiral Ø	Outside Ø	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m	
				bar	psi					
19	3/4	19.5	28.6	31.7	350	5075	700	1400	240	1.43
25	1	26.0	35.4	38.2	350	5075	700	1400	300	1.98
31	1-1/4	32.5	46.9	50.5	350	5075	700	1400	420	3.93
38	1-1/2	38.7	53.9	57.4	350	5075	700	1400	500	4.93
51	2	51.1	67.9	71.5	350	5075	700	1400	630	6.90

DIN EN 856 / SAE 100 R 13

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four spiral layers DN 19 – DN 25 and six spiral layers DN 31 – DN 51 of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 121°C



Nominal Ø	Inside Ø	Spiral Ø	Outside Ø	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m	
				bar	psi					
10	3/8	9.9	17.4	21.1	420	6090	840	1680	150	0.72
12	1/2	13.0	20.6	24.2	420	6090	840	1680	200	0.87
16	5/8	16.4	24.2	27.9	420	6090	840	1680	235	1.02
19	3/4	19.5	28.3	31.9	420	6090	840	1680	265	1.43
25	1	26.0	35.4	38.7	420	6090	840	1680	330	2.16
31	1-1/4	32.5	46.9	50.5	420	6090	840	1680	445	3.77
38	1-1/2	38.7	53.9	57.4	420	6090	840	1680	530	4.79
51	2	51.1	67.9	71.5	420	6090	840	1680	600	6.90

SAE 100 R 15

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four spiral layers DN 19 – DN 25 and six spiral layers DN 31 – DN 38 of high tensile steel wire

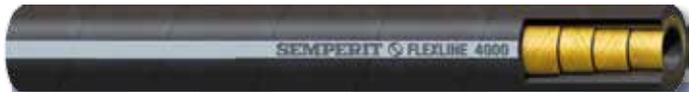
Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 121°C

SPECIALITIES MULTISPIRAL HYDRAULIC HOSES



Nominal Ø		Inside Ø mm	Spiral Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
10	3/8	9.9	17.4	20.2	280	4060	560	1120	65	0.68
12	1/2	13.0	20.6	24.2	280	4060	560	1120	90	0.85
16	5/8	16.4	24.2	27.9	280	4060	560	1120	100	1.11
19	3/4	19.5	27.9	30.5	280	4060	560	1120	120	1.33
25	1	26.0	35.1	37.9	280	4060	560	1120	155	1.77

Impulse tested up to 500.000 cycles according to ISO 6803!

FLEXLINE 4000

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four high tensile steel wire spiral layers

Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 121°C



Nominal Ø		Inside Ø mm	Spiral Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
10	3/8	9.9	17.7	20.2	380	5510	760	1520	65	0.67
12	1/2	13.0	20.6	22.9	380	5510	760	1520	90	0.78
16	5/8	16.4	24.2	26.5	380	5510	760	1520	100	1.03
19	3/4	19.5	27.9	30.5	380	5510	760	1520	120	1.33
25	1	26.0	35.1	37.9	350	5075	700	1400	150	1.94
32	1-1/4	32.5	42.3	45.9	350	5075	700	1400	280	2.55

Impulse tested up to 500.000 cycles according to ISO 6803!

FLEXLINE 5000

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four high tensile steel wire spiral layers

Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 121°C



Nominal Ø		Inside Ø mm	Spiral Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
10	3/8	9.9	17.7	20.2	420	6090	840	1680	65	0.69
12	1/2	13.0	20.6	22.9	420	6090	840	1680	90	0.79
16	5/8	16.4	24.2	26.5	420	6090	840	1680	100	1.05
19	3/4	19.5	28.2	30.7	420	6090	840	1680	240	1.46
25	1	26.0	35.4	37.5	420	6090	840	1680	270	1.94

Impulse tested up to 500.000 cycles according to ISO 6803!

FLEXLINE 6000

Tube:

Synthetic rubber, suitable for hydraulic fluids

Reinforcement:

Four high tensile steel wire spiral layers

Cover:

Abrasion and ozone resistant synthetic rubber – MSHA approved. Note: various covers available

Temperature range (medium):

-40°C to 121°C

SEMPERIT HOSES FOR PRESSURE WASHER APPLICATIONS

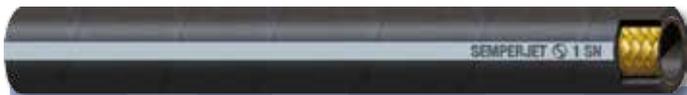
Semperit is one of the largest producers of pressure washer hoses worldwide, and is specialized in the production and marketing of these products. Leading brands rely on Semperit hoses in their equipment.

MODULAR SYSTEM FOR PRESSURE WASHER HOSES



Please contact our sales department to discuss details.

SEMPERJET



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.9	13.0	250	3625	450	900	100	0.19
8	5/16	8.3	12.5	14.7	220	3190	430	860	115	0.22
10	3/8	9.9	14.8	16.7	220	3190	360	720	125	0.28
12	1/2	13.0	17.9	20.0	220	3190	330	640	180	0.36
16	5/8	16.4	21.0	23.2	130	1885	260	520	200	0.42

SEMPERJET 1 SN

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: Black, blue and grey cover available

Temperature range (medium):

-10 °C to 155 °C



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	12.4	14.4	400	5800	800	1600	100	0.31
8	5/16	8.3	14.0	16.0	400	5800	700	1400	115	0.35
10	3/8	9.9	16.4	18.4	400	5800	660	1320	125	0.46
12	1/2	13.0	19.4	21.4	400	5800	600	1100	180	0.54

SEMPERJET 2 SN

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: Black, blue and grey cover available

Temperature range (medium):

-10 °C to 155 °C



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.0	11.5	210	3045	420	840	35	0.14

SEMPERJET 210

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: black, blue or grey cover available

Temperature range (medium):

-10°C to 155°C

SEMPERJET



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.0	11.8	250	3625	500	1000	35	0.16
8	5/16	8.3	11.7	13.7	250	3625	500	1000	65	0.21
10	3/8	9.9	13.5	16.5	250	3625	475	950	75	0.29
12	1/2	13.0	17.1	19.6	250	3625	420	840	100	0.39

SEMPERJET 250

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

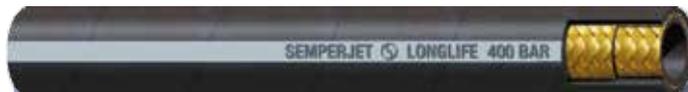
One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: black, blue or grey cover available

Temperature range (medium):

-10 °C to 155 °C



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	11.0	13.0	400	5800	800	1600	75	0.25
8	5/16	8.3	12.6	14.6	400	5800	700	1400	85	0.30
10	3/8	9.9	14.7	16.6	400	5800	660	1320	90	0.37
12	1/2	13.0	18.0	20.0	400	5800	550	1100	130	0.46

SEMPERJET LONGLIFE 400

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: Black, blue and grey cover available

Temperature range (medium):

-10 °C to 155 °C



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	11.5	13.1	500	7250	800	1500	55	0.28
8	5/16	8.3	12.8	14.5	500	7250	800	1600	60	0.31
10	3/8	9.9	15.0	17.1	500	7250	770	1540	70	0.39
12	1/2	13.0	18.7	20.7	500	7250	690	1380	90	0.54

SEMPERJET LONGLIFE 500

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: black, blue or grey cover available

Temperature range (medium):

-10 °C to 155 °C

SEMPERJET ECO



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.4	12.0	210	3000	315	630	35	0.18
8	5/16	8.3	11.9	13.6	210	3000	315	630	65	0.20
10	3/8	9.9	13.9	16.0	210	3000	315	630	75	0.26
12	1/2	13.0	17.6	19.6	210	3000	315	630	100	0.37

SEMPERJET ECO 3000

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: black, blue or grey cover available

Temperature range (medium):

-10 °C to 155 °C



Nominal Ø		Inside Ø mm	Braid Ø mm	Outside Ø mm	Working pressure		Test pressure bar	Burst pressure bar	Bend radius mm	Weight kg/m
mm	inch				bar	psi				
6	1/4	6.6	10.4	12.0	276	4000	414	828	35	0.18
8	5/16	8.3	11.9	13.7	276	4000	414	828	65	0.20
10	3/8	9.9	13.9	16.0	276	4000	414	828	75	0.26
12	1/2	13.0	17.6	19.6	276	4000	414	828	100	0.37

SEMPERJET ECO 4000

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

One braid of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: black, blue or grey cover available

Temperature range (medium):

-10 °C to 155 °C

SEMPERJET ECO



Nominal Ø		Inside Ø _{mm}	Braid Ø _{mm}	Outside Ø _{mm}	Working pressure		Test pressure _{bar}	Burst pressure _{bar}	Bend radius _{mm}	Weight _{kg/m}
mm	inch				bar	psi				
6	1/4	6.6	11.7	13.6	350	5000	525	1050	75	0.30
8	5/16	8.3	13.1	15.3	350	5000	525	1050	85	0.34
10	3/8	9.9	15.2	17.4	350	5000	525	1050	90	0.41
12	1/2	13.0	18.8	21.0	350	5000	525	1050	130	0.59

SEMPERJET ECO 5000

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: black, blue or grey cover available

Temperature range (medium):

-10 °C to 155 °C



Nominal Ø		Inside Ø _{mm}	Braid Ø _{mm}	Outside Ø _{mm}	Working pressure		Test pressure _{bar}	Burst pressure _{bar}	Bend radius _{mm}	Weight _{kg/m}
mm	inch				bar	psi				
6	1/4	6.6	11.7	13.6	414	6000	621	1242	75	0.30
8	5/16	8.3	13.1	15.3	414	6000	621	1242	85	0.34
10	3/8	9.9	15.2	17.4	414	6000	621	1242	90	0.41
12	1/2	13.0	18.8	21.0	414	6000	621	1242	130	0.59

SEMPERJET ECO 6000

Tube:

Synthetic rubber, suitable for cold and hot water with usual cleaning agents

Reinforcement:

Two braids of high tensile steel wire

Cover:

Abrasion and ozone resistant synthetic rubber. Note: black, blue or grey cover available

Temperature range (medium):

-10 °C to 155 °C

TYPE APPROVAL CERTIFICATES

Approval Types of Semperit Hoses:

Off-shore	DNV GL	Det Norske Veritas – Germanischer Lloyd
	ABS	American Bureau of Shipping
	RINA	Registro Italiano Navale
	BV	Bureau Veritas
Mining & Special	MSHA	Mine Safety and Health Administration
	OPAVA	Technical Laboratories OPAVA
	LOBA	Landesoberbergamt NRW
	DSK	Oberbergamt für das Saarland und Rheinland-Pfalz
	MA	Mining Certificate China
	GOST	Gossudarstwenny Standart

Management System Certificate



SPECIFICATION OF HYDRAULIC HOSE LENGTH IN ONE SHIPMENT

If no specific hose lengths have been agreed on, the percentage of different lengths in any given delivery shall be as follows:

According to EN 853 – 857:

min. 80% in lengths over 20 m
 max. 20% in lengths over 10 m to 20 m
 max. 3% in lengths over 1 m to 10 m
 no length of hose may be less than 1 m
 tolerance of the specified coil length is $\pm 2\%$



SEMPERIT standard:

min. **90%** in lengths over 25 m
 max. **10%** in lengths over 5 m to 25 m
 no length of hose is **less than 5 m**
 tolerance of the specified coil length is $\pm 2\%$

SPECIFICATION OF PRESSURE WASHER HOSE LENGTH IN ONE SHIPMENT

- Multiples of 10 m or according to specifications – prices on request
- Fixed lengths, cut and coiled, ready for crimping – prices on request

GENERAL INFORMATION ON THE USE OF OUR PRODUCTS

The choice of the correct type of hose is very important for proper and safe use in service.

Please check the suitability of the chosen product for the customer's specific applications, and instruct your customers accurately about the functional range of our products and their limitations.

Please note that the suitability of a chosen product for the customer's specific application can only be determined in individual cases and is dependent on the specific installation situation (especially the hose curvature), the combination with a coupling, and the compatibility of the medium with the inner surface of the hose (inner liner).

Please consult our home page www.semperflex.com for further information in detail. This brief overview does not replace specific advice in individual cases.

Please obtain specific advice in the event of any uncertainty!

The number of potential operating hours decreases if the hose is used under unfavourable operating conditions. These include maximum operational pressure, maximum temperature, and minimum bending radius. When several of these factors coincide, the product deteriorates more rapidly and therefore must be replaced sooner.

Therefore please verify operating conditions regularly, and adapt your replacement cycle to them.

Additionally: not suitable for aerial vehicles

Please note: Before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Semperit application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage (especially of the cover) or unusual signs of wear and tear. All products must be stored, handled and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual datasheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual datasheets. In order to always have the latest product and safety information make sure you visit our website (www.semperflex.com) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex are exclusively subject to our general terms and conditions (available at www.semperitgroup.com).

Important notice: Our catalogue and any individual datasheet have been prepared with great care in order to provide you with all the information you need. The information contained therein is based on the state-of-the-art industrial technology and many years of experience and testing; whenever indicated for a certain product, we also confirm conformity with the resistance requirements of the media indicated in the product catalogue. However, the individual conditions of storage, maintenance and use decisively affect the safe and durable use of each product. The quality and safety of our products as indicated in the catalogue or individual datasheets are therefore strictly subject to the continuous observance of all specifications and restrictions in our written product information, applicable laws and standards. We reject any liability for safety issues or other consequences due to improper product choice, maintenance or handling (e.g. squashing, rupturing, stretching or filling with non-approved media). Our products must not be used in airplanes or other aerial vehicles under any circumstance. Unless specified otherwise, all hoses are manufactured according to EN853, 856, 857 and SAE J 517.

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IMPORTANT INFORMATION:

Incorrect product selection or improper installation of hoses can result in damage to or failure of the hose, (often serious) material damage, and personal injury. Particularly in applications with high operational pressures, non-compliance with specifications can result in a serious risk of injury! Therefore, in case of doubt, please seek specific advice!



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