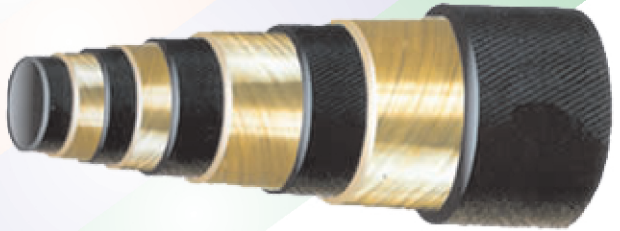




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## High Pressure Hoses



### PSHP-1 SPIRAL HOSE EN 856 4SP

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m	KG	
3/8	9.5	17.5	21.4	6500	45.0	7.0	180	0.48	0.71		
1/2	12.7	20.2	24.6	6000	41.5	9.0	230	0.60	0.90		
5/8	15.9	23.8	28.0	5000	35.0	10.0	250	0.77	1.15		
3/4	19.0	28.2	32.0	5000	35.0	11.8	300	1.04	1.55		
1	25.4	35.3	39.5	4000	27.5	13.3	340	1.40	2.08		

**Application:**  
Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:**  
Synthetic Rubber.

**Reinforcement:**  
Four spiral steel wire.

**Cover:**  
Synthetic Rubber.

**Temp. Range:**  
-40°F to +212°F  
(-40°C to +100°C)

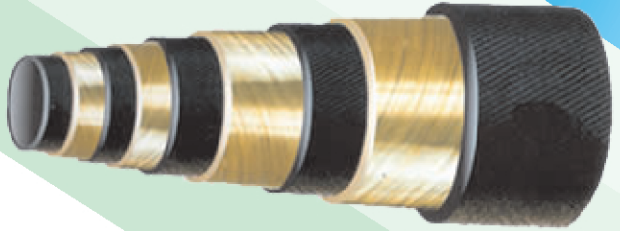
**Impulse:**  
4,00,000 cycles.



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## High Pressure Hoses



### PSHP-2 SPIRAL HOSE EN 856 4SH

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m	KG	
3/4	19.0	28.4	32.0	6000	42.0	11.0	280	1.06	1.58		
1	25.4	35.2	39.0	5500	38.0	13.5	340	1.36	2.03		
1-1/4	31.8	41.9	45.3	4700	32.5	18.0	460	1.81	2.70		
1-1/2	38.1	48.8	53.3	4200	29.0	22.0	560	2.21	3.29		
2	50.8	63.2	68.0	3600	25.0	27.0	700	3.09	4.60		

**Application:**  
Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:**  
Synthetic Rubber.

**Reinforcement:**  
Four spiral steel wire.

**Cover:**  
Synthetic Rubber.

**Temp. Range:**  
-40°F to +212°F  
(-40°C to +100°C)

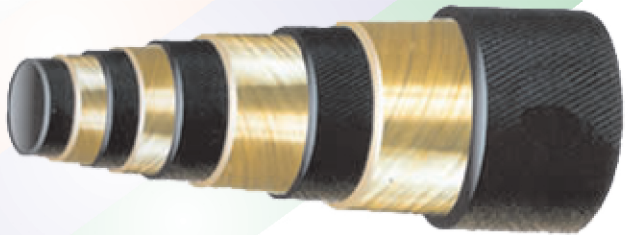
**Impulse :**  
4,00,000 cycles.



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## High Pressure Hoses



### PSHP-3 SPIRAL HOSE EN 856 R13

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m	KG	
3/4	19.0	29.0	31.9	5000	35.0	9.5	240	1.04	1.55		
1	25.4	35.6	38.5	5000	35.0	12.0	300	1.40	2.08		
1-1/4	31.8	46.8	50.0	5000	35.0	16.5	420	2.59	3.85		
1-1/2	38.1	54.3	57.6	5000	35.0	20.0	500	3.23	4.81		
2	50.8	68.1	70.9	5000	35.0	25.0	630	4.48	6.67		

**Application:**  
Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:**  
Synthetic Rubber.

**Reinforcement:**  
Four or six spiral steel wire.

**Cover:**  
Synthetic Rubber.

**Temp. Range:**  
-40°F to +257°F  
(-40°C to +125°C)

**Impulse:**  
5,00,000 cycles.



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## High Pressure Hoses



### PSHP-5 SPIRAL HOSE SEA 100 R15

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m		
3/4	19.0	28.4	32.0	6000	41.4	10.5	267	1.08	1.60		
1	25.4	35.2	38.5	6000	41.4	13.0	330	1.41	2.10		
1-1/4	31.8	46.8	49.6	6000	41.4	17.5	445	2.62	3.90		
1-1/2	38.1	54.3	57.1	6000	41.4	21.0	533	3.43	5.11		

**Application:** Extremely high pressure, heavy duty, high impulse hydraulics.

**Inner Tube:** Oil resistant Synthetic rubber.

**Reinforcement:** Four or Six high tensile steel wire spirals.

**Cover:** Synthetic Rubber.

**Temp. Range:**

-40°F to +212°F

Continuous + 249oF

Intermittent

(-40°C to

+ 100°C)continuous

+ 121 C Intermittent

Impulse: 5,00,00 cycles.