

**SEMPERIT** 

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# DIN EN 856 4SP





Multispiral Hydraulic Hose acc. to EN 856 4 SP / SAE 100 R9R – MSHA approved



## HOSE :

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Four spiral layers of high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber – MSHA approved Note: various covers available
Temperature range	-40°C to 100°C / -40°F to +212°F (max 120°C/248°F intermittent)
Standard Branding	Mylar Tape

**SEMPERIT**  DIN EN 856 4SP DN 10 SAE100 R9R 3/8" WP 445 BAR 6455 PSI MSHA IC-8/17 

Nominal Ø		Inside Ø	Braid Ø	Outside Ø	Working pressure		Test pressure	Burst pressure	Bend radius	Weight
mm	inch	mm	mm	mm	bar	psi	bar	bar	mm	kg/m
10	3/8	9,9	17,4	21,1	445	6455	890	1780	180	0,70
12	1/2	13,0	20,6	24,2	425	6165	850	1700	230	0,85
16	5/8	16,4	24,2	27,9	350	5075	700	1400	250	1,04
19	3/4	19,5	27,9	32,0	350	5075	700	1400	300	1,32
25	1	26,0	35,1	38,9	320	4640	640	1280	340	2,06
31	1-1/4	32,5	45,9	50,5	210	3045	420	840	460	3,14
38	1-1/2	38,7	52,1	56,8	185	2685	370	740	560	3,61
51	2	51,1	65,4	70,2	165	2395	330	660	660	5,13

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**Important Notice:**

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The choice of the correct type of hose is very important for the proper and safe use in service. Check your or your customer's specific application accordingly and instruct on limits and dangers of product use accurately. Application, use and processing of our products or your products manufactured on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Check for operating safety regularly. In the event of damage, in particular to the hose cover, hoses must be replaced for safety reasons.

**Caution/Danger:**

Wrong product selection, installation or improper treatment (such as crushing, tearing, stretching, loading with impermissible media and bending radius lower than specified) of the hoses can result in damage or failure of the hose, (often also serious) material damage and personal injury.

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