

SEMPERIT 



4 SH Premium

Multispiral Hydraulic Hose exceeds EN 856 4 SH – MSHA approved

Higher Pressure at reduced bend radii

Impulse tested up to 1.000.000 cycles!*



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 121°C / -40°F to +250°F
Standard Branding	Mylar Tape

SEMPERIT  4 SH Premium EXCEEDS DIN EN 856 4SH DN19 WP 430 BAR 6235 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
19	3/4	19,5	28,3	31,9	430	6235	860	1720	210	1,43
25	1	26,0	35,4	38,7	400	5800	800	1600	220	2,08
31	1-1/4	32,5	46,4	46,4	360	5220	720	1440	240	2,58

Publication date: October 2013 - Subject to changes without notice

*tested acc. to ISO6803:2008

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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HYDRAULICS

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