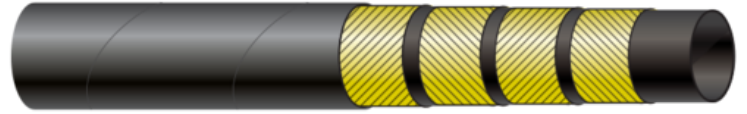


Flexline Plus

The high flexible multi-spiral compact hydraulic hose with reduced bend radii and increased working pressure exceeds performance of EN856 4SP and 4SH



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC) and bio-degradable hydraulic fluids
Reinforcement	Four high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber MSHA, SemperRock and SemperShield (DN10-DN25) cover available
Temperature range	-40°C to 100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
Standard branding	Mylar tape
Note	Impulse tested up to 1 million cycles [tested acc. to ISO6803:2017]

TECHNICAL DETAILS

																			
Nominal			Internal-Ø		Spiral-Ø		External-Ø		Work. pressure [max.]		Min. burst pressure		Bending radius [min.]		Weight approx.		Requirements as per EN856 4SP/4SH		
mm	inch	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	lbs/ft	kg/m	Type	Working Pressure	Bend radius
																		bar	mm
10	3/8	-6	9.9	0.39	17.7	0.70	20.2	0.79	470	6815	1880	27260	60	2.4	0.46	0.69	Exceeds 4SP	445	180
12	1/2	-8	13.0	0.51	20.6	0.81	22.9	0.90	470	6815	1880	27260	85	3.3	0.53	0.79	Exceeds 4SP	415	230
16	5/8	-10	16.4	0.65	25.0	0.98	27.2	1.07	470	6815	1880	27260	100	3.9	0.79	1.17	Exceeds 4SH	420	200
19	3/4	-12	19.5	0.77	28.3	1.11	30.5	1.20	450	6525	1800	26100	120	4.7	0.91	1.36	Exceeds 4SH	420	280
25	1	-16	25.9	1.02	35.4	1.39	37.5	1.48	440	6380	1760	25520	150	5.9	1.30	1.94	Exceeds 4SH	380	340
31	1-1/4	-20	32.5	1.28	43.5	1.71	47.3	1.86	370	5365	1480	21460	210	8.3	1.81	2.70	Exceeds 4SH	325	460
38	1-1/2	-24	38.7	1.52	49.2	1.94	53.4	2.10	320	4640	1280	18560	250	9.8	2.22	3.31	Exceeds 4SH	290	560
51	2	-32	51.1	2.01	64.3	2.53	68.0	2.68	280	4060	1120	16240	390	15.4	2.97	4.42	Exceeds 4SH	250	700