

KP 100 S

Braided hose, single-layer, exceeds EN857 1SC, higher working pressures, smaller bend radius

Properties

Inner tube	oil resistant, synthetic rubber
Reinforcement	one high-tensile steel wire braid
Cover	oil resistant and weatherproof synthetic rubber flame-retardant according to MSHA
Application	medium pressure circuits with restricted installation spaces
Colour	black
Media	glycol water-oil-emulsions water (0 °C to +70 °C) mineral oil
Special features	Impulse tested with up to 1 million cycles
Standard	EXCEEDS EN 857 1SC
Temp. max.	100 °C
Temp. min.	-40 °C
Customs tariff number	40092100



The product image may differ

Items

Identification	D N*	Inch	Si ze	Inside Ø (mm)	Outside Ø (mm)	Working pressure (bar)	Ø Reinforcement (mm)	Test pressure (bar)	Burst pressure (bar)	Bend radius min. (mm)
KP 106 S	6	1/4"	4	6.6	12	290	10.1	580	1,160	40
KP 108 S	8	5/16"	5	8.3	13.6	250	11.4	500	1,000	55
KP 110 S	10	3/8"	6	9.9	15.9	230	13.6	460	920	65
KP 113 S	12	1/2"	8	13	19.2	210	16.9	420	840	80
KP 116 S	16	5/8"	10	16.4	22.3	150	20.3	300	600	105
KP 120 S	19	3/4"	12	19.5	26.1	125	23.9	250	500	120
KP 125 S	25	1"	16	26	33.1	110	31	220	440	160
KP 132 S	31	1.1/4"	20	32.5	43.7	100	40.2	200	400	300

DN = nominal diameter, nominal width

Suitable Frames

PHD 100	Swage ferrule for braided hose, skive ferrule, steel
PHN 100	Swage ferrule for braided hose, non-skive ferrule, steel