Rubber hydraulic hoses (COMPACT type)



HW-1SC-SM (Smooth)

Hydraulic hose single-braid compact, smooth outer cover, long service life

Layer inner.: black synthetic rubber
Reinforcement: single steel braid
Outer layer: black synthetic rubber
Temp. working: from -40°C to +100°C (hydraulic oil)
(intermittently +120°C)
up to +70°C (air, water)

Hydraulic hose with a smooth outer cover and a single steel braid, with reduced outer diameter and weight and increased flexibility (COMPACT type). Longer service life than the standard. Confirmed hose life of 300,000 impulse cycles. Flame-retardant outer cover (MSHA). Designed for medium-pressure hydraulic systems. Used in power hydraulics of agricultural equipment, small working machines, machine tools and hydraulically driven devices.
Standards: EN 857-1SC, ISO 11237-1.
Assembly: Use type Z fittings – no skiving (IT-21).

index	inner diameter [mm]	outer diameter [mm]	pressure working [bar]	burst pressure [bar]	bending radius [mm]	weight [kg/m]
HW-1SC-SM-06	6,7	13	225	900	50	0,22
HW-1SC-SM-08	8,2	14,1	215	860	55	0,24
HW-1SC-SM-10	9,8	16,3	180	720	60	0,31
HW-1SC-SM-13	13,1	20,1	160	640	70	0,44
HW-1SC-SM-16	16,2	22,5	130	520	90	0,48
HW-1SC-SM-19	19,3	26,2	105	420	97	0,60
HW-1SC-SM-25	25,9	34,2	90	360	150	0,88



PROKOMP 1SC

Hydraulic hose single-braid compact, long service life

Layer inner.: black synthetic rubber
Reinforcement: single steel braid
Outer layer: black synthetic rubber
Temp. working: from -40°C to +100°C (hydraulic oil)
(intermittently +120°C)
up to +70°C (air, water)

Hydraulic hose with a single steel braid, reduced outer diameter and weight and increased flexibility (COMPACT type). Longer service life than the standard. Confirmed hose life of 300,000 impulse cycles. Designed for medium-pressure hydraulic systems. Used in power hydraulics of agricultural equipment, small working machines, machine tools and hydraulically driven devices.
Standards: EN 857-1SC, ISO 11237-1.
Assembly: Use type Z fittings – no skiving (IT-21).

index	inner diameter [mm]	outer diameter [mm]	pressure working [bar]	burst pressure [bar]	bending radius [mm]	weight [kg/m]
HW-1SC-06P	6,4	12,5	225	900	50	0,19
HW-1SC-08P	7,9	13,5	215	860	55	0,21
HW-1SC-10P	9,5	15,7	180	720	60	0,26
HW-1SC-13P	12,7	19	160	640	70	0,33
HW-1SC-16P	15,9	22,4	130	520	90	0,41
HW-1SC-19P	19	25,8	105	420	100	0,52
HW-1SC-25P	25,4	33,5	90	360	160	0,73