Rubber hydraulic hoses multi-braid (multispiral)



ADVANSTAR- 4SP

Hydraulic hose multi-braid high-pressure, flame-retardant, highly flexible

Layer inner.: black synthetic rubber
Reinforcement: four spiral layers of steel wire
Outer layer: black synthetic rubber
Temp. working: from -40°C to +120°C (hydraulic oil)

Hydraulic hose multi-braid for high pressure. Hose with increased flexibility compared to the standard. Flame-retardant outer layer (MSHA). Used in power hydraulics systems of large construction machines and all types of hydraulically driven devices.

Standards: EN 856 4SP, ISO 3862-1 4SP.
Assembly: Use Z type fittings, M and Z type ferrules – outer skiving (IT-9, IT-31).
Use Z type fittings, Z4TX type ferrules – no skiving (IT-192).
Use N type fittings – no skiving (IT-82).

index	inner diameter [mm]	outer diameter [mm]	pressure working [bar]	burst pressure [bar]	bending radius [mm]	weight [kg/m]
HW-4SP-13A	12,9	24,3	415	1660	140	0,73
HW-4SP-16A	16	28,0	380	1520	160	1,02
HW-4SP-19A	19,2	31,8	380	1520	200	1,45
HW-4SP-25A	25,4	39,4	325	1300	230	1,94



HI-PULSE- 4SP

Hydraulic hose multi-braid high-pressure, long-life, flame-retardant

Layer inner.: black synthetic rubber
Reinforcement: four spiral layers of steel wire
Outer layer: black synthetic rubber
Temp. working: from -40°C to +100°C (hydraulic oil) (intermittently +120°C)

Hydraulic hose multi-braid for high pressure. Increased hose life compared to the standard confirmed by a 1,000,000 impulse cycle test. Flame-retardant outer cover (MSHA). Used in power hydraulics systems of construction machinery and all types of hydraulically driven devices.

Standards: EN 856 4 SP, ISO 3862-1 4SP.
Assembly: Use Z type fittings, M and Z type ferrules – outer skiving (IT-9, IT-31).
Use Z type fittings, Z4TX type ferrules – no skiving (IT-192).
Use N type fittings – no skiving (IT-82).

index	inner diameter [mm]	outer diameter [mm]	pressure working [bar]	burst pressure [bar]	bending radius [mm]	weight [kg/m]
HW-4SP-10P	9,5	21,4	460	1840	180	0,75
HW-4SP-13P	12,7	24,0	430	1720	230	0,90
HW-4SP-16P	15,9	27,6	350	1400	250	1,09
HW-4SP-19P	19	32,1	350	1400	300	1,51
HW-4SP-25P	25,4	38,7	320	1280	340	2,09
HW-4SP-32P	31,8	49,8	210	840	460	3,10
HW-4SP-38P	38,1	57,3	190	760	560	3,61
HW-4SP-51P	50,8	71,1	180	720	660	5,03