Rubber hydraulic hoses multi-braid (multispiral)



ADVANSTAR- 4SH

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 4SH, ISO 3862-1 4SH.
Assembly: Use IL type fittings - outer and inner skiving (IT-34, except HW-4SH-32A).
Use N type fittings – no skiving (IT-82).
Use Z type fittings, Z4TX type ferrules – no skiving (IT-192).
Z type ends and M type ferrules may be used – outer skiving (IT-11).

index	inner diameter [mm]	outer diameter [mm]	working pressure [bar]	burst pressure [bar]	bending radius [mm]	weight [kg/m]
HW-4SH-19A	19,2	31,8	420	1680	230	1,45
HW-4SH-25A	25,4	38,8	380	1520	240	2,01
HW-4SH-32A	31,8	45,7	325	1300	250	2,56



HI-PULSE- 4SH

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 layer (MSHA). Used in power hydraulics systems of construction machinery and all types of hydraulically driven devices.

Standards: EN 856 4SH, ISO 3862-1 4SH.
Assembly: Use IL type fittings – outer and inner skiving (IT-34).
Use N type fittings – no skiving (IT-82).
Use Z type fittings, Z4TX type ferrules – no skiving (IT-192).
Z type ends and M type ferrules may be used – outer skiving (IT-11).

index	inner diameter [mm]	outer diameter [mm]	working pressure [bar]	burst pressure [bar]	bending radius [mm]	weight [kg/m]
HW-4SH-19P	19	32,1	420	1680	280	1,51
HW-4SH-25P	25,4	38,7	390	1560	340	2,09
HW-4SH-32P	31,8	45,5	350	1400	460	3,10
HW-4SH-38P	38,1	52,5	290	1160	560	3,61
HW-4SH-51P	50,8	67,5	250	1000	700	5,03