



Hydraulic multispiral rubber hoses



IMPETUS R13 - 350 BAR

High-pressure, long-life, flame-retardant, multiport hydraulic hose

Inner layer: Black synthetic rubber
Reinforcement: four layers of helical steel wire (six layers for DN 32÷ DN 51)
Outer layer: Black synthetic rubber
Operating temp: -40°C to +121°C (hydraulic oil) (temporarily +125°C)

Multi-pass hydraulic hose for high, constant pressure for all diameters. Increased hose life over the standard confirmed by a 1,000,000 impulse cycle test. Flame retardant outer layer (MSHA). Used in the hydraulic systems of large construction machinery and all types of hydraulically driven equipment.

Standards: EN 856 R13, ISO 3862-1 R13, SAE 100 R13.
Fitting: Use type IL fittings - external and internal cutting (IT-51).
 Use type N fittings - without cutting (IT-82).

index	internal diameter [mm]	external diameter [mm]	working pressure [bar]	Bursting pressure [bar]	bend radius [mm]	mass [kg/m]
HW-R13-19P	19	32,1	350	1400	240	1,51
HW-R13-25P	25,4	38,7	350	1400	300	2,11
HW-R13-32P	31,8	49,8	350	1400	420	3,58
HW-R13-38P	38,1	57,3	350	1400	500	4,91
HW-R13-51P	50,8	71,1	350	1400	600	6,89



HW-R13-XFGT - 350÷ 380 BAR

High-pressure, long-life, flame-retardant, highly flexible hydraulic multifilament hose

Inner layer: black synthetic rubber
Reinforcement: four layers of helical steel wire (six layers for DN 38)
Outer layer: black synthetic rubber
Operating temp: -40°C to +121°C (hydraulic oil) (temporarily +125°C)

Multi-pass hydraulic hose for high pressure. Hose with increased flexibility compared to the standard of the standard. Increased hose life in relation to the standard confirmed by a test of 1,000,000 pulse cycles. Flame retardant outer layer (MSHA). Used in the hydraulic systems of large construction machinery and all types of hydraulically driven equipment.

Standards: EN 856 R13, SAE 100 R13, ISO 3862-1 R13.
Assembly: Use type IL fittings - external and internal cutting (IT-51, IT-169 for HW-R13-XFGT-32).
 Use type N uncut fittings (IT-82, except HW-R13-XFGT-32).

index	internal diameter [mm]	external diameter [mm]	working pressure [bar]	Bursting pressure [bar]	bend radius [mm]	mass [kg/m]
HW-R13-XFGT-19	19	30,1	380	1520	120	1,20
HW-R13-XFGT-25	25,4	37,4	350	1400	150	1,80
HW-R13-XFGT-32	31,8	44,8	350	1400	280	2,40
HW-R13-XFGT-38	38,1	57,3	350	1400	300	4,60

