

HIGH PRESSURE - hoses

Hydraulic rubber hoses with increased parameters



IMPETUS R15

Internal layer: Black synthetic rubber
Reinforcement: Four steel wire spirals (six for DN 32 ÷ DN 51)
External layer: Black synthetic rubber
Working temp.: From -40°C up to +121°C (with peaks up to +125°C)

Characteristics: General purpose hydraulic hose. 1,000,000 impulse cycles. The external layer is flame resistant, MSHA approved. Service life longer than required by the standard,

Standards: EN 856 R15, ISO 3862-1 R15, SAE 100R15.

Assembly: Use IL type fittings - external and internal skiving (IT-52).
 Acceptable use of N type fittings - non-skived (IT-82).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-R15-19P	19	32	420	1680	270	1.56
HW-R15-25P	25.4	39	420	1680	300	2.04
HW-R15-32P	31.8	50	420	1680	420	3.63
HW-R15-38P	38.1	58	420	1680	500	4.81
HW-R15-51P	50.8	72	420	1680	600	6.94



HW-R15-XFGT

Internal layer: Black synthetic rubber
Reinforcement: Four steel wire spirals (six for DN 32 ÷ DN 51)
External layer: Black synthetic rubber
Working temp.: From -40°C up to +121°C (with peaks up to +125°C)

Characteristics: General purpose hydraulic hose with increased flexibility (50% better bending radius than stated by the standard). Service life longer than required by the standard, approved at 1,000,000 impulse cycles. The external layer is flame resistant (MSHA).

Standards: EN 856 R15, ISO 3862-1 R15, SAE 100R15.

Assembly: Use IL type fittings - external and internal skiving (IT-52).
 Acceptable use of N type fittings - non-skived (IT-82).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-R15-XFGT-19	19	30.6	420	1680	120	1.50
HW-R15-XFGT-25	25.4	37.8	420	1680	165	2.00
HW-R15-XFGT-32	31.8	49.3	420	1680	300	3.55
HW-R15-XFGT-38	38.1	57.0	420	1680	350	4.65