



Hydraulic oil hoses



HW R6

Hydraulic oil delivery hose Lining: black synthetic rubber

Reinforcement: single textile braid **Outer layer:** black synthetic rubber **Operating temperature:** from -40°C to +100°C

Delivery hose for low-pressure parts of hydraulic power systems, complying with SAE 100 R6 and ISO 4079 R6. Primarily designed for mineral oil based hydraulic fluids and some synthetic hydraulic fluids. It can also be used for water-based hydraulic fluids and for water and air when limited to +70°C (use for air may require microperforation of the outer layer). Suitable for many petrochemical fluids: mineral and synthetic oils, diesel and fuel oil, ethylene glycol and others. Not recommended for petrol and ester-based oils, not suitable for aromatic hydrocarbons.

Inner layer in black smooth synthetic rubber. Reinforcement with textile braid. Outer layer in black synthetic rubber, abrasion, oil, ozone and weather resistant.

Chemical resistance check: NBR **chemical** resistance table (pre-selection), confirmation of resistance and conditions of use by Tubes International.

Fitting: use collet-fitted hydraulic end fittings.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
HW-R6-06	6,4	12,8	3,2	28	112	65	0,100	20
HW-R6-08	8,1	14,1	3,0	28	112	75	0,125	20
HW-R6-10	9,7	16,0	3,15	28	112	75	0,150	20
HW-R6-13	13,0	19,8	3,4	28	112	100	0,200	20
HW-R6-16	16,1	23,1	3,5	24	96	125	0,250	20
HW-R6-19	19,2	26,9	3,85	21	84	150	0,300	20
HW-R6-25*	25,4	33,4	4,0	12	48	135	0,450	20

Note: indices highlighted in colour - most commonly used. * - diameter not listed in ISO 4079 type R6.

HW-R6 DN6 hose with nozzle TI-ZNZ110-02-04, sleeve MC-BP7-04.	HW-R6 DN8 hose with nozzle TI-ZMW11-16-05-CN, sleeve TI-L-15-05.
HW-R6 DN10 hose with nozzle TI-ZBZ110-06-06, sleeve MC-BP7-06.	HW-R6 DN13 hose with nozzle TI-ZOZ110-13-08-CN, sleeve TI-L-22-08.
HW-R6 DN16 hose with nozzle TI-ZMW121-26-10-SS304, sleeve TI-L-25-10-SS.	HW-R6 DN19 hose with nozzle TI-ZSK111-12-12, sleeve MC-BP7-12.

