

Henan Yibo Technology Co., Ltd. — Datasheet

CONSTANT PRESSURE STEEL WIRE BRAIDED HYDRAULIC HOSE SAE100 R19 | OIL & FUEL · 280 bar working / 560 bar burst · -40°C~+120°C

Hose Construction Structure: The hose consists of an inner tube, one or two layers of steel wire braided reinforcement, and an outer cover.; Application: Suitable for conveying petroleum-based hydraulic fluids such as alcohol, hydraulic oil, lubricating oil, emulsions, etc. Not suitable for phosphate ester-based fluids.; Temperature Range: -40■ to +120■; for water medium: 0■ to +70■.

Hose Features -40°C~+120°C: service window; OEM: customization and private label; Third-party: inspection on request; Factory-direct: one plant, cutting through testing

INSIDE DIAMETER ■ID■mm (max)	OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (min)	OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (max)	OUTSIDE DIAMETER ■OD■mm (max)	OUTSIDE DIAMETER W.P (Mpa)	psi	MINIMUM BURST
5.4	10.3	11.9	12.7	28.0	4,061	
7.0	11.1	12.1	14.4	28.0	4,061	
8.5	12.7	13.7	16.3	28.0	4,061	
10.1	14.6	15.6	18.0	28.0	4,061	
13.5	18.0	19.0	22.6	28.0	4,061	
16.7	20.9	21.9	27.5	28.0	4,061	
19.8	24.9	25.9	32.5	28.0	4,061	

Values are reproduced from the official YIBO product page. psi values are converted at 1 MPa = 145.038 psi and rounded. Working pressure and minimum burst pressure are quoted per code; final confirmation is subject to the factory data sheet at order placement. · +86 137 2136 0724 · sales@dohose.com