

Henan Yibo Technology Co., Ltd. — Datasheet

STEEL WIRE SPIRAL HYDRAULIC HOSE SAE100 R12 | OIL & FUEL · 280 bar working / 1120 bar burst · 9 sizes

Hose Construction Structure: THE HOSE CONSISTS OF AN INNER TUBE, FOUR LAYERS OF STEEL WIRE, AND AN OUTER COVER.; Application: SUITABLE FOR CONVEYING PETROLEUM-BASED HYDRAULIC FLUIDS SUCH AS ALCOHOL, HYDRAULIC OIL, LUBRICATING OIL, AND EMULSIONS, ETC. NOT SUITABLE FOR PHOSPHATE ESTER-BASED FLUIDS.; Temperature Range: -40■ TO +120■; FOR WATER MEDIUM: 0■ TO +70■.

Hose Features 9: published sizes quoted by code; OEM: customization and private label; Third-party: inspection on request; Factory-direct: one plant, cutting through testing

(max)	OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (min)	OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (max)	INSIDE DIAMETER ■OD■mm (min)	INSIDE DIAMETER ■OD■mm (max)	MAXIMUM WORKING PRESSURE W.P (Mpa)	psi
	16.6	17.8	19.5	21	28.0	4,061
	19.9	21.5	23	24.6	28.0	4,061
	23.8	25.4	26.6	28.2	28.0	4,061
	26.9	28.4	29.9	31.5	28.0	4,061
	34.1	35.7	36.8	39.2	28.0	4,061
	42.7	45.1	45.4	48.6	21.0	3,046
	42.7	45.1	45.4	48.6	28.0	4,061
	49.2	51.6	51.9	55	17.5	2,538
	62.5	65.1	65.1	68.3	17.5	2,538

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