

Henan Yibo Technology Co., Ltd. — Datasheet

HYDRAULIC HOSE SAE 100R5 | OIL & FUEL · SAE 100R5 · 210 bar working / 840 bar burst

Hose Construction Structure: THE HOSE CONSISTS OF AN INNER TUBE, ONE LAYER OF HIGH-TENSILE STEEL WIRE, FIBER BRAIDING, 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 +100■; FOR WATER MEDIUM: 0■ TO +70■.

Hose Features Third-party: inspection on request; Factory-direct: one plant, cutting through testing; ISO 9001: quality system with in-house laboratory; 210 bar / 840 bar: working and burst pressure published

inch)	INSIDE DIAMETER ■ID■mm (min)	INSIDE DIAMETER ■ID■mm (max)	OUTSIDE DIAMETER ■OD■mm (min)	OUTSIDE DIAMETER ■OD■mm (max)	MAXIMUM WORKING PRESSURE W.P (Mpa)	psi	MINIMUM BURST PRES
	6.1	7.2	14.1	15.1	21	3,046	84
	7.9	8.7	16.2	17.4	15.7	2,277	62.8
	10.3	11.1	18.4	19.6	14	2,031	56
	12.7	13.7	22.2	23.8	12.2	1,769	48.8
	15.9	17	26.2	27.8	10.5	1,523	42
	22.2	23.3	30	32.2	5.6	812	22.4
	28.6	29.8	36.3	38.8	4.3	624	17.2
	34.9	36.1	42.8	45.2	3.5	508	14
	46	47.2	54.3	56.7	2.4	348	9.6
	60.3	61.9	70.8	73.2	2.4	348	9.6
	76.2	77.8	88.3	90.7	1.4	203	5.6

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