

Henan Yibo Technology Co., Ltd. — Datasheet

STEEL WIRE REINFORCED HIGH-PRESSURE RESIN HOSE | OIL & FUEL · HIGH PRESSURE · 350 bar working / 1400 bar burst

Hose Construction Structure: THE HOSE CONSISTS OF A NYLON INNER TUBE, ONE OR TWO LAYERS OF STEEL WIRE BRAIDING, AND A POLYURETHANE OUTER COVER.;
Application: SUITABLE FOR CONVEYING HYDRAULIC FLUIDS SUCH AS ALCOHOL, HYDRAULIC OIL, LUBRICATING OIL, EMULSIONS, WATER, AND AIR, ETC.; Temperature Range: -40■ TO +100■; FOR WATER MEDIUM: -40■ TO +70■.

Hose Features Factory-direct: one plant, cutting through testing; ISO 9001: quality system with in-house laboratory; 350 bar / 1400 bar: working and burst pressure published; 15: published sizes quoted by code

INAL BORE (mm)	SPECIFICATION (inch)	SPECIFICATION ■ID■mm (min)	OUTSIDE DIAMETER ■OD■mm (max)	MAXIMUM WORKING PRESSURE W.P (Mpa)	psi	MINIMUM BURST PRESSURE B.P (Mpa)	psi	MINIMUM BE
5	3/16"	4.8	9.8	35.0	5,076	140	20,305	
6	1/4"	6.3	12.7	27.5	3,989	110	15,954	
8	5/16"	7.9	14.3	25.0	3,626	100	14,504	
10	3/8"	10.3	15.9	22.5	3,263	90	13,053	
12.5	1/2"	12.7	19.8	17.5	2,538	70	10,153	
16	5/8"	15.9	23.3	14.0	2,031	56	8,122	
19	3/4"	19.0	26.5	12.0	1,740	48	6,962	
25	1"	25.4	34.0	10.0	1,450	40	5,802	
6	1/4"	6.3	13.3	35.0	5,076	140	20,305	
8	5/16"	7.9	15.0	32.5	4,714	130	18,855	
10	3/8"	10.3	18.0	29.0	4,206	116	16,824	
12.5	1/2"	12.7	21.6	26.0	3,771	104	15,084	
16	5/8"	15.9	23.6	20.0	2,901	80	11,603	
19	3/4"	19.0	26.4	17.5	2,538	70	10,153	
25	1"	25.4	34.0	12.0	1,740	48	6,962	

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