

Henan Yibo Technology Co., Ltd. — Datasheet

HYDRAULIC RETURN HOSE | OIL & FUEL · 21 bar working / 84 bar burst

Hose Construction Structure: THE HOSE CONSISTS OF AN INNER RUBBER TUBE, ONE OR TWO LAYERS OF FIBER BRAIDING OR ONE LAYER OF SPIRAL STEEL WIRE REINFORCEMENT, AND AN OUTER RUBBER COVER.; Application: SUITABLE FOR CONVEYING PETROLEUM-BASED HYDRAULIC FLUIDS SUCH AS ALCOHOLS, HYDRAULIC OIL, LUBRICATING OIL, AND EMULSIONS. NOT SUITABLE FOR PHOSPHATE ESTER-BASED FLUIDS.; Temperature Range: -40■ TO +100■; FOR WATER-BASED MEDIA: 0■ TO +70■.

Hose Features ISO 9001: quality system with in-house laboratory; 21 bar / 84 bar: working and burst pressure published; 10: published sizes quoted by code; OEM: customization and private label

)	SPECIFICATION (inch)	INSIDE DIAMETER ■ID■mm (min)	INSIDE DIAMETER ■ID■mm (max)	OUTSIDE DIAMETER ■OD■mm (max)	MAXIMUM WORKING PRESSURE W.P (Mpa)	psi	MINIMUM BURST PRESSURE B.P (Mpa)	
	3/4"	18.6	19.8	34	2.1	305	8.4	1
	1"	25	26.4	40	1.7	247	7.0	1
	1-1/4"	31.4	33	48	1.4	203	5.6	
	1-3/4"	45.1	49.1	51	0.8	116	3.2	
	1-1/2"	36.9	39.3	54	1.05	152	4.2	
	2"	49.2	52.4	68	0.7	102	2.8	
	2-1/2"	61.9	65.1	81	0.4	58	1.7	
	3"	74.6	77..8	93	0.4	58	1.6	
	3-1/2"	87.3	90.5	106	0.3	44	1.25	
	4"	100	103.2	120	0.25	36	1.0	

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