

Henan Yibo Technology Co., Ltd. — Datasheet

SAE 100R4 HYDRAULIC SUCTION AND DISCHARGE HOSE | OIL & FUEL · SUCTION / VACUUM RATED · SAE 100R4 · 21.7 bar working / 65.1 bar burst · SAE 100R4

Hose Construction Structure: Inner Tube: NBR + SBR (Nitrile Butadiene Rubber + Styrene Butadiene Rubber) / Reinforcement: 4 layers of high-strength polyester cord + spiral steel wire / Cover: NR + SBR (Natural Rubber + Styrene Butadiene Rubber); Application: Widely used in hydraulic systems of mechanical equipment, suitable for fluids with an aromatic hydrocarbon content of no more than 20%.; Temperature Range: -20~ 80

Hose Features 19–102 mm: bore range covered; 9: published sizes quoted by code; -20°C~80°C: service window; OEM: customization and private label

(mm)	INNER DIAMETER I.D. (inch)	OUTER DIAMETER O.D. (mm)	WORKING PRESSURE W.P (psi)	WORKING PRESSURE W.P (bar)	psi	BURST PRESSURE B.P. (psi)	BURST PRESSURE B.P. (bar)	psi	BENDING RADIUS B.R. (mm)	WEIGHT
	3/4"	34.4	315	21	305	945	63	914	100	0.95
	1"	40.4	255	17	247	765	51	740	150	1.16
	1-1/4"	49	210	14	203	630	42	609	190	1.61
	1-1/2"	55	157	10.5	152	471	31.5	457	220	1.85
	2"	68	105	7	102	315	21	305	300	2.36
	2-1/2"	81.6	60	4	58	180	12	174	380	3.03
	3"	94.4	60	4	58	180	12	174	450	3.85
	4"	120.2	60	4	58	180	12	174	550	5.21
omized on request.										

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