Henan Yibo Technology Co., Ltd. — Datasheet

SUCTION AND DISCHARGE CHEMICAL HOSE | CHEMICAL RESISTANT · SUCTION / VACUUM RATED · HIGH PRESSURE · 10.3 bar working / 31 bar burst · 19–152 mm

Hose Construction Structure: Inner Tube: UHMWPE (Ultra-High Molecular Weight Polyethylene) + EPDM / Reinforcement: High-strength polyester cord + spiral steel wire / Cover: EPDM rubber; Application: This flexible and elastic UHMWPE hose is designed for transferring strong acids, strong alkalis, solvents, and corrosive liquids.; Temperature Range: -40°C ~ 120°C

Hose Features 19–152 mm: bore range covered; 10: published sizes quoted by code; -40°C~120°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"	30	150	10	145	450	30	435	100	0.67
	1"	36	150	10	145	450	30	435	150	0.84
	1-1/4"	44	150	10	145	450	30	435	190	1.20
	1-1/2"	51	150	10	145	450	30	435	220	1.50
	2"	64	150	10	145	450	30	435	300	1.93
	2-1/2"	78	150	10	145	450	30	435	380	2.55
	3"	90	150	10	145	450	30	435	450	3.08
	4"	120	150	10	145	450	30	435	550	4.97
	6"	171	150	10	145	450	30	435	750	8.17
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