

Hoses for Oil and Gas Applications

Hose Type	Nominal Bore		Working Pressure	Burst Pressure	Outside Diameter	Bend radius	V.E. @ Max. Working Pressure	ISO 13628-5 Collapse Test Pressure ⁽⁵⁾		Weight in Air Kg/100m	Liner Material	Sheath Material
	inch	mm						Actual/bar	With 1.5:1 Safety /bar			
1A03	3/16	4.7	345	1380	9.3	89	19.0	75	50	5	PA11 TLO	PUR
1A04	1/4	6.5	345	1380	12.7	60	19.9	48	32	11	PA11 TLO	PUR
2A04	1/4	6.5	690	2760	14.7	152	19.6	91	61	15	PA11 TLO	PUR
2A04RDOS	1/4	6.5	690	2760	13.4	140	19.5	135	90	12	PA11 TLO	PUR
2A04RRD	1/4	6.5	690	2760	12.9	140	19.5	135	90	11	PA11 TLO	PUR
2A04RDHP	1/4	6.5	860	3440	13.4	140	21.0	135	90	12	PA11 TLO	PUR
2A04RDUHP ⁽²⁾	1/4	6.5	1035	3440	13.4	140	22.6	135	90	12	PA11 TLO	PUR
1A06LP	3/8	10	207	828	15	127	6.8	23	15	13	PA11 TLO	PUR
1A06HP	3/8	10	345	1380	16.5	152	9.7	21	14	14	PA11 TLO	PUR
2A06HP	3/8	10	690	2760	19.3	152	19.0	92	61	25	PA11 TLO	PUR
1A08LP	1/2	13	207	828	18	203	5.0	14	9	20	PA11 TLO	PUR
1A08HP	1/2	13	345	1380	19.2	203	11.0	15	10	26	PA11 TLO	PUR
1A10	5/8	16	207	828	23	250	6.0	12	8	26	PA11 TLO	PUR
2A08HP	1/2	13	690	2760	22.8	220	18.0	37	25	34	PA11 TLO	PUR
2A12	3/4	19	345	1380	30.0	305	12.0	15	10	46	PA11 TLO	PUR

General Information

Materials	PUR = Polyurathane
	PA11 TLO = Methanol washed Nylon 11
Printing	Special print including line numbering available on request
Pin pricking	Pin pricked for gas or methanol use
Colour	Black – other colours available on request

1) Chemical compatibility and permeation resistance is based on material manufacturers results and historical data where available.
2) Impulse tested to 140,000 cycles @ 1.25 x WP
3) Hoses are designed tested and qualified to ISO13628-5
4) ISO13628-5 Collapse Test Pressure represents actual test results, however the hoses are not specifically designed to be collapse resistant.

TIS HYDRAULICS LTD

Email: sales@tis-hydraulics.com **Website:** www.tis-hydraulics.com