

POLAR MAXX - Low Temp Tank Truck

Application

POLAR MAXX is an all purpose petroleum suction and discharge hose designed to remain flexible in low temperature conditions. The corrugated cover makes the hose very flexible and it is also suitable for full vacuum service.

Construction

Tube - Smooth black low temp nitrile for maximum oil resistance

Reinforcement - Dual high tensile wire helix with an antistatic wire embedded between layers of synthetic high tensile textile cords.

Corrugated Cover - Blue CR / NBR Blended oil resistant rubber which is specially formulated to remain flexible in low temperatures.

Branding - Red stripe **POLAR MAXX LOW TEMP TANK TRUCK 150 PSI**

Temperature Range

-50°C to +93°C (-58°F to +199°F)

Standard Lengths

100ft cut to multiples of 5ft

Parts No.	I.D. Inches	O.D. Inches	Max W.P. @ 70°F/20°C	Bend Radius	Vacuum Rating (in Hg) 68F	Approx. Wt. Per. Ft. Lbs.
TT-LT-1	1	1.38	150	3	FULL	0.480
TT-LT-1.5	1-1/2	1.87	150	4.5	FULL	0.690
TT-LT-2	2	2.44	150	6	FULL	1.100
TT-LT-2.5	2-1/2	2.99	150	7.5	FULL	1.460
TT-LT-3	3	3.50	150	8	FULL	1.930
TT-LT-4	4	4.60	150	9	FULL	2.980
TT-LT-6	6	6.68	150	20	FULL	5.460

Working pressures are calculated at 70 degrees F (20 degrees C). Maximum working pressure decreases as temperature increases. Pressure ratings can only be achieved using proper coupling procedures. Bend radius is calculated at 70 degrees F (20 degrees C). Flexibility may vary at different temperatures. Please contact IRP if you have concerns regarding your application.