

Longman™ 450

Nitrile Rubber Layflat Hoses

Designed for water discharge, irrigation etc. ...



Longman 450 is one type of through-the-weave Nitrile Rubber (NBR) covered hoses. Longman 450 hoses shall be made from 100% high tenacity synthetic yarn circular woven and completely, totally embedded in the NBR/PVC compound, excellent protected against mechanical damage, forming a single homogenous construction without the use of any glues or adhesives of any type. NBR compound is composed of NBR and PVC. High percentage of of NBR content contributes to better abrasion-resistance.

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Application: Suitable for irrigation, washdown, water discharge etc.

Inner tube: Very smooth for minimum friction loss

Cover: ribbed for mre abrasion resistance

Reinforcement: Circular woven polyester jacket

Operating Temperature Range: -20°C up to +80°C (-4°F up to 176°F) based on water

Standard Color: Black, other colors available per request

Standard Length: 50ft, 100ft, 300ft/91.5m, 330ft/100m, 660ft/200m; other lengths available per request;

Couplings: Camlocks, Pinlug, Expansion Ring couplings etc.

Recommended for:

Water discharge Solutions

Irrigation Solutions

other

ID		Wall Thickness		Weight		Working Pressure	Bursting Pressure
Inch	mm	Inch	mm	lbs/ft	kg/m	PSI/bar	PSI/bar
1 1/2"	38+1.5	0.08"	2.2	0.21	0.32	150PSI/10bar	450PSI/30bar
2"	51+1.5	0.08"	2.2	0.32	0.47	150PSI/10bar	450PSI/30bar
2 1/2"	64+1.5	0.08"	2.2	0.44	0.65	150PSI/10bar	450PSI/30bar
3"	76+2.0	0.10"	2.5	0.48	0.72	150PSI/10bar	450PSI/30bar
4"	103+2.0	0.10"	2.6	0.66	0.98	150PSI/10bar	450PSI/30bar
6"	154+2.5	0.12"	3.2	1.14	1.70	150PSI/10bar	450PSI/30bar
8"	204+3.0	0.12"	3.2	1.54	2.30	150PSI/10bar	450PSI/30bar
10"	254+3.0	0.14"	3.6	2.05	3.05	150PSI/10bar	450PSI/30bar
12"	305+3.0	0.18"	4.5	2.41	3.60	150PSI/10bar	450PSI/30bar