

GUARDMAN



FEATURES

- Developed and manufactured since 1960's.
- Fully extruded hose where the rubber blend has been extruded through the circular woven polyester jacket, ensuring exceptionally good bonding and no delimitation.
- Can withstand great physical strain and temperature fluctuation.
- Light weight design.

DESIGN

- The hose is designed to absorb the pressure increase by swelling rather than stretching. This means increased diameter under pressure and reduced friction loss.
- The rubber blend has added UV barrier to prevent damage to the rubber from UV radiation. It can tolerate most low aromatic oil products as well as commonly used chemicals.

ADVANTAGES

- Specifically designed for marine use providing the user a long life product suitable for extreme climatic and fire fighting conditions.



TECHNICAL DATA

INNER DIAMETER		WALL THICKNESS		WEIGHT		BURST PRESSURE		TENSILE STRENGTH	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	x1000 kbs	Tons
1	25,4 + 1,6	0,10	2,5	0,18	0,27	1450	100	5,1	2,3
1 1/2	38,0 + 1,6	0,09	2,2	0,21	0,31	800	55	6,9	3,1
1 2/3	42,0 + 1,6	0,09	2,2	0,21	0,32	800	55	6,9	3,1
1 3/4	45,0 + 1,6	0,09	2,2	0,23	0,35	725	50	7,6	3,4
2	51,0 + 2,0	0,09	2,2	0,27	0,41	655	45	8,7	3,9
2 1/2	65,0 + 2,0	0,09	2,2	0,36	0,54	655	45	11,1	5,0
3	76,0 + 2,0	0,10	2,6	0,49	0,73	655	45	15,6	7,0
3 1/2	90,0 + 3,0	0,10	2,6	0,67	1,00	580	40		
4	102,0 + 2,5	0,11	2,7	0,7	1,10	525	36	20,4	9,2
6	150,0 + 3,0	0,12	3,0	1,19	1,78	525	36	35,8	16,1

NOTE: SAFETY FACTOR BP/WP IS 2:1 (50%). FOR ALL NON-HAZARD AND /OR INFLAMMABLE LIQUIDS.



CONTACT US
sales@mandals.com
+47 38 27 24 00
Mandal, Norway