

TUSIL® MARINE OND



WIDE- CORRUGATED, BLUE,
HEAT RESISTANT,
GLOSSY COVER SILICONE

STEEL WIRE HELICES

HIGH TEMPERATURE
RESISTANT PLYS

RED, HEAT AND SALT WATER
RESISTANT SILICONE

TECHNICAL CHARACTERISTICS

Temperature range : -60°C / +200°C (-76°F / +392°F)

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

Used as marine main engine exhaust, generator exhaust, engine coolant circulation, engine intake and generator intake.

DESCRIPTION

Tube

silicone, red, heat and salt water resistant

Reinforcement

high temperature resistant plies, steel wire helices

Cover

wide-corrugated, blue silicone rubber, glossy. Heat, ageing, ozone and paraffin oil resistant

Marking

TUDERTECHNICA TUSIL® MARINE OND

Norm : SAE J2006 TYPE R2; ISO 13363:2004 - Type 2 class B; ISO 1307 for dimensional tolerances

Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
19	0,75	-	-	40	130	0,6	8,5	8	120	24	360	0,48	0,32	90	3,54
25	1,00	-	-	40	130	0,6	8,5	7	105	21	315	0,60	0,40	100	3,94
28	1,10	-	-	40	130	0,6	8,5	7	105	21	315	0,66	0,44	105	4,13
32	1,25	-	-	40	130	0,6	8,5	6	90	18	270	0,70	0,47	115	4,53
35	1,38	-	-	40	130	0,6	8,5	5	75	15	225	0,80	0,54	125	4,92
38	1,50	-	-	40	130	0,6	8,5	5	75	15	225	0,82	0,55	130	5,12
42	1,65	-	-	40	130	0,6	8,5	5	75	15	225	1,00	0,67	135	5,31
45	1,77	-	-	40	130	0,6	8,5	4	60	12	180	1,06	0,71	140	5,51
48	1,90	-	-	40	130	0,6	8,5	4	60	12	180	1,12	0,75	150	5,91
51	2,00	-	-	40	130	0,6	8,5	4	60	12	180	1,18	0,79	160	6,30
60	2,36	-	-	40	130	0,6	8,5	3	45	9	135	1,36	0,91	165	6,50
63,5	2,50	-	-	40	130	0,6	8,5	3	45	9	135	1,63	1,09	170	6,69
67	2,64	-	-	40	130	0,6	8,5	3	45	9	135	1,70	1,14	175	6,89
70	2,76	-	-	40	130	0,6	8,5	3	45	9	135	1,77	1,19	180	7,09
73	2,87	-	-	40	130	0,6	8,5	3	45	9	135	1,85	1,24	200	7,87
76	3,00	-	-	40	130	0,6	8,5	3	45	9	135	1,92	1,29	220	8,66
90	3,54	-	-	40	130	0,6	8,5	2	30	6	90	3,21	2,15	250	9,84
102	4,00	-	-	40	130	0,6	8,5	2	30	6	90	3,62	2,43	280	11,02
115	4,50	-	-	40	130	0,6	8,5	2	30	6	90	4,02	2,69	290	11,42
127	5,00	-	-	40	130	0,6	8,5	2	30	6	90	4,43	2,97	300	11,81
140	5,51	-	-	12	39	0,6	8,5	2	30	6	90	5,69	3,81	360	14,17
152	6,00	-	-	12	39	0,6	8,5	2	30	6	90	6,04	4,05	400	15,75
203	8,00	-	-	12	39	0,6	8,5	2	30	6	90	10,87	7,28	450	17,72
254	10,00	-	-	12	39	0,6	8,5	2	30	6	90	14,81	9,92	1200	47,24
305	12,00	-	-	12	39	0,6	8,5	2	30	6	90	18,55	12,43	1450	57,09
350	13,78	-	-	12	39	0,6	8,5	2	30	6	90	21,42	14,35	1750	68,90
404	15,91	-	-	12	39	0,6	8,5	1	15	3	45	26,55	17,79	2000	78,74

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase. Other diameters, wall thickness and pressure only on specific request.
We reserve the right to supply in random lengths shorter than 40mt or 20mt.

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