



SHIELDS HOSE Engine Coolant/Exhaust

SHIELDS

NEW SHIELDSAUST ULTRA C - CORRUGATED EXHAUST

- * Wet exhaust connections with significant bends
- * Engine intake
- * Scupper lines
- * High oil resistance

Meets SAE J2006 Type R2 - For pleasure boats
 Meets ISO 13363:2004-Type 1- Class A
 Meets physical requirement of SAE J1942 Type VW - For short connections on Coast Guard inspected vessels*

* For vital and non-vital water systems - builder is responsible for certification of installations using clamps
 Maximum length 30" and 5 PSI - for inspected vessel

Nitrile tube neoprene cover
 Cover corrugated for easier bending
 Reinforced with wire helix imbedded between plies of HD synthetic fabric
 Resistant to: Oil, engine heat, exhaust fumes, ozone, mild chemicals, antifreeze, salt water
 Abrasion resistant
 ISO Class A hose is recommended for diesel exhaust by ISO

Temperature range: -20 F to +200 F continuous, +250 intermittent



I.D.	Wt. "C"	50' Coil Code #	12 1/2' Length Code #	10' Length Code #	6 1/4' Length Code #
1 1/2"	64	116-257-1120	116-257-1124	116-257-1123	116-257-1121
1 5/8"	70	116-257-1580	116-257-1584	116-257-1583	116-257-1581
1 3/4"	72	116-257-1340	116-257-1344	116-257-1343	116-257-1341
1 7/8"	76	116-257-1780	116-257-1784	116-257-1783	116-257-1781
2"	80	116-257-2000	116-257-2004	116-257-2003	116-257-2001
2 3/8"	99	116-257-2380	116-257-2384	116-257-2383	116-257-2381
2 1/2"	105	116-257-2120	116-257-2124	116-257-2123	116-257-2121
2 3/4"	109	116-257-2340	116-257-2344	116-257-2343	116-257-2341
2 7/8"	119	116-257-2780	116-257-2784	116-257-2783	116-257-2781
3"	123	116-257-3000	116-257-3004	116-257-3003	116-257-3001
3 1/8"	129	116-257-3180	116-257-3184	116-257-3183	116-257-3181
3 1/2"	177	116-257-3120	116-257-3124	116-257-3123	116-257-3121
4"	198	116-257-4000	116-257-4004	116-257-4003	116-257-4001
4 1/2"	220	116-257-4120	116-257-4124	116-257-4123	116-257-4121
5"	291	116-257-5000	116-257-5004	116-257-5003	116-257-5001
6"	371		116-257-6004	116-257-6003	116-257-6001
8"	592		116-257-8004	116-257-8003	116-257-8001

Improved
 Now double the ozone resistance required by SAEJ2006



SHIELDS MARINE EXHAUST/WATER HOSE (No Wire)

- **Straight Connections In Wet Exhaust Systems**

- **Engine Water Circulation Lines**

Black heavy walled synthetic rubber.
 Reinforced with 2 or 4 plies of synthetic cord. Resistant to: engine heat, exhaust fumes, ozone, mild chemicals, antifreeze, salt water.

Temperature range:
 -20° to +200° F continuous
 +250° intermittent

Meets SAE J2006 Type R1

Meets ISO 13363:2004
 -Type 2 - Class B

I.D.	O.D.	Ply	Wt. "C"	50' Coil Code #	12 1/2' Length Code #	10' Length Code #	6 1/4' Length Code #
1/2"	7/8"	2	24	16-200-0120	16-200-0124	16-200-0123	16-200-0121
5/8"	1 1/32"	2	33	16-200-0580	16-200-0584	16-200-0583	16-200-0581
3/4"	1 9/64"	2	37	16-200-0340	16-200-0344	16-200-0343	16-200-0341
7/8"	1 1/64"	2	42	16-200-0780	16-200-0784	16-200-0783	16-200-0781
1"	1 3/8"	2	48	16-200-1000	16-200-1004	16-200-1003	16-200-1001
1 1/8"	1 1/2"	2	52	16-200-1180	16-200-1184	16-200-1183	16-200-1181
1 1/4"	1 45/64"	2	60	16-200-1140	16-200-1144	16-200-1143	16-200-1141
1 5/16"	1 47/64"	2	62	16-200-1560	16-200-1564	16-200-1563	16-200-1561
1 3/8"	1 13/16"	2	66	16-200-1380	16-200-1384	16-200-1383	16-200-1381
1 1/2"	1 15/16"	2	70	16-200-1120	16-200-1124	16-200-1123	16-200-1121
1 5/8"	2 3/32"	2	77	16-200-1580	16-200-1584	16-200-1583	16-200-1581
1 3/4"	2 13/64"	2	82	16-200-1340	16-200-1344	16-200-1343	16-200-1341
1 7/8"	2 23/64"	2	96	16-200-1780	16-200-1784	16-200-1783	16-200-1781
2"	2 31/64"	2	102	16-200-2000	16-200-2004	16-200-2003	16-200-2001
2 1/8"	2 19/32"	2	107	16-200-2180	16-200-2184	16-200-2183	16-200-2181
2 1/4"	2 3/4"	2	114	16-200-2140	16-200-2144	16-200-2143	16-200-2141
2 3/8"	2 7/8"	2	132	16-200-2380	16-200-2384	16-200-2383	16-200-2381
2 1/2"	3"	2	136	16-200-2120	16-200-2124	16-200-2123	16-200-2121
2 5/8"	3 3/32"	2	147	16-200-2580	16-200-2584	16-200-2583	16-200-2581
2 3/4"	3 17/64"	2	152	16-200-2340	16-200-2344	16-200-2343	16-200-2341
2 7/8"	3 7/16"	2	174	16-200-2780	16-200-2784	16-200-2783	16-200-2781
3"	3 5/16"	2	182	16-200-3000	16-200-3004	16-200-3003	16-200-3001
3 1/8"	3 45/64"	2	190	16-200-3180	16-200-3184	16-200-3183	16-200-3181
3 1/4"	4 3/32"	2	198	16-200-3120	16-200-3124	16-200-3123	16-200-3121
3 3/4"	4 9/32"	2	221	16-200-3340	16-200-3344	16-200-3343	16-200-3341
4"	4 17/64"	4	229	16-200-4000	16-200-4004	16-200-4003	16-200-4001
4 1/8"	4 11/32"	2	251	16-200-4180	16-200-4184	16-200-4183	16-200-4181
4 1/2"	5 1/8"	2	300	16-200-4120	16-200-4124	16-200-4123	16-200-4121
5"	5 5/8"	2	332	16-200-5000	16-200-5004	16-200-5003	16-200-5001
5 1/8"	5 3/4"	2	340	16-200-5180	16-200-5184	16-200-5183	16-200-5181
5 1/2"	6 3/16"	2	396	16-200-5120	16-200-5124	16-200-5123	16-200-5121
6"	6 11/16"	2	427		16-200-6004	16-200-6003	16-200-6001
6 1/8"	6 51/64"	2	435		16-200-6184	16-200-6183	
6 3/8"	7 13/32"	4	560		16-200-6584	16-200-6583	
8"	8 25/32"	4	670		16-200-8004	16-200-8003	
10"	10 7/8"	4	934		16-200-10004	16-200-10003	
12"	12 7/8"	4	1095		16-200-12004	16-200-12003	
14"	14 7/8"	4	1430		16-200-14004*		

* Special Order