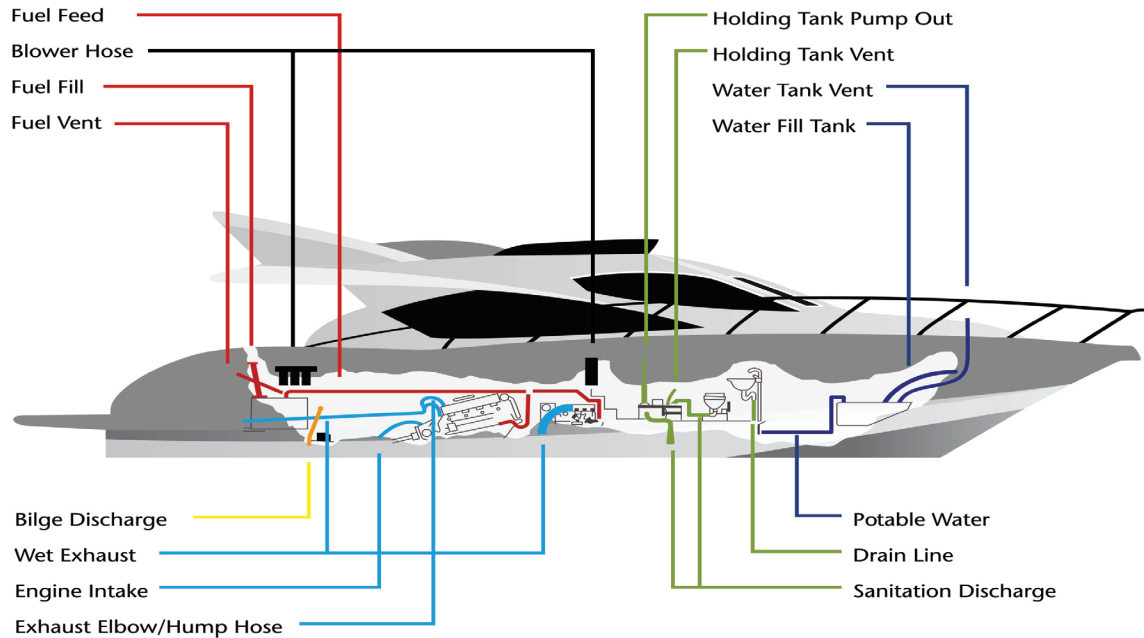


# SHIELDS HOSE

## Product Application Guide



### PRODUCT APPLICATION GUIDE KEY

- EX** — Designed to give excellent service
- G** — Designed to give good service in normal applications
- C** — Product can give good service with proper installation, may not be suitable in all applications.
- X** — Not recommended
- NA** — Not available in size range
- 1** — Can easily be bent into tight radius
- 2** — Can be bent into gradual radius
- 3** — May kink in applications requiring bend radius

SERIES NO.	NAME	PG. NO.	SIZE RANGE	APPLICATION							
				Non-Pressurized Supply	Pressurized Supply		Water Tank Fill	Drain Lines Below Water Line	Drain Lines To Sump or Above Water Line	Water Tank Vent	Flexibility
					Hot	Cold					
<b>FRESH WATER SYSTEM/POTABLE</b>											
Series 168	Heavy Duty Reinforced PVC Tubing	55	1/4" - 1 1/2"	EX	EX	EX	G	EX	EX	EX	2
Series 162	All Clear Reinforced PVC — Red Tracer	55	3/8" - 1 1/2"	EX	EX	EX	G	G	G	G	2
Series 164	Clear White Reinforced PVC — Blue Tracer	55	3/8" - 3/4"	EX	G	EX	N/A	G	G	G	3
Series 150	PVC Tubing — Clear	54	3/16" - 1 1/2"	G	X	X	C	X	G	G	3
Series 148	Shields Vac Extra Heavy Duty	53	5/8" - 1 1/2"	N/A	X	X	EX	EX	EX	EX	2
Series 145	Shields Vac with FDA Liner	52	1 1/4" - 1 1/2"	N/A	N/A	N/A	EX	C	EX	N/A	1
Series 149	Shields Livewell Hose	52	5/8" - 1 1/2"	X	X	X	X	EX	EX	C	2
Series 141	Shields Multiflex	51	5/8" - 3"	C	X	X	EX	X	EX	C	1

SERIES NO.	NAME	PG. NO.	SIZE RANGE	APPLICATION					Flexibility
				Toilet to Holding Tank	Holding Tank Pump Out	Holding Tank to Overboard Discharge	Toilet Water Inlet	Holding Tank Vent	
Series 105	Poly X Sanitation Hose	54	1" & 1 1/2"	EX	EX	EX	N/A	N/A	1
Series 250	Shieldsflex II	57	1/2" - 8"	EX	EX	EX	EX	EX	1
Series 101	Shields Sanitation Hose	53	1" & 1 1/2"	EX	EX	EX	N/A	N/A	1
Series 144	Super PVC Sanitation	53	1" & 1 1/2"	EX	EX	EX	N/A	N/A	2
Series 148	Shields Vac Extra Heavy Duty	53	5/8" - 1 1/2"	G/EX	EX	EX	EX	EX	2
Series 146	Shields Vac Extra Heavy Duty/Industrial	52	5/8" - 3"	G	EX	G	EX	EX	2
Series 168	Heavy Duty Reinforced PVC/White Tracer	55	1/4" - 1 1/2"	X	X	X	EX	X	2
Series 162	All Clear Reinforced PVC — Red Tracer	55	3/8" - 1 1/2"	X	X	X	EX	X	2
Series 149	Shields Livewell	52	5/8" - 1 1/2"	G	G	G	EX	EX	2



# SHIELDS HOSE

## Product Application Guide

SERIES NO.	NAME	PG. NO.	SIZE RANGE	APPLICATION					
				Engine Intake	Generator Intake	Engine Coolant Hose Straight or Limited Bend	Engine Coolant Hose Severe Bend	Exhaust Water Injection	Flexibility
<b>ENGINE HOSE</b>									
Series 262	Corrugated Nautiflex Silicone Exhaust Hose	58	3/4" - 16"	EX	EX	EX	EX	EX	1
Series 202	Nautiflex Silicone Exhaust Hose	58	1" - 14"	X	X	EX	X	C	3
Series 250	Shieldsflex II	57	1/2" - 8"	EX	EX	EX	EX	EX	1
Series 200	Marine Exhaust	56	1/2" - 14"	X	C	EX	X	G	3
Series 130	#1300 Heater Hose	50	1/2" - 3/4"	X	X	G	X	X	3
Series 135	#1350 H.D. Water Hose	50	1/2" - 1"	X	C	G	X	G	3
Series 160	#1600 Water Hose	50	1/4" - 1 1/4"	X	G	EX	X	G	2

SERIES NO.	NAME	PG. NO.	SIZE RANGE	APPLICATION					
				Straight Pipe Connector Less than 4 x I.D. of Hose	Straight Pipe Connector More than 4 x I.D. of Hose	Require Moderate Bend	Severe Bend	Flexibility	
<b>WET EXHAUST SYSTEM</b>									
Series 262	Corrugated Nautiflex Silicone Exhaust Hose	58	3/4" - 16"	EX	EX	EX	EX	1	
Series 202	Nautiflex Silicone Exhaust Hose	58	1" - 14"	EX	C	X	X	3	
Series 200	Shields Marine Exhaust	56	1/2" - 14"	EX	C	X	X	3	
Series 250	Shieldsflex II	57	1/2" - 8"	EX	EX	EX	C	2	
Series 252	Shieldsaust - C	57	3/4" - 8"	EX	EX	EX	EX	1	
Various	Hump Hose & Elbows	59-61	2"-10"	See our selection for straight or angled connections					

SERIES NO.	NAME	PG. NO.	SIZE RANGE	APPLICATION						
				Oil Tank Fill	Fuel Tank Fill	Fuel Feed Inboard/Outdrive	Fuel Feed Outboard	Fuel Tank Vent Inboard	Fuel Tank Vent Outboard	Flexibility
<b>FUEL SYSTEM</b>										
Series 337	Silverado 4000	65	5/16" - 3/8"	N/A	N/A	X	EX	N/A	N/A	1
Series 331	Silverado 3000	65	5/16" - 3/8"	N/A	N/A	X	EX	N/A	N/A	2
Series 309	Oil Tank Fill Hose	65	1 1/2"	EX	X	N/A	N/A	N/A	N/A	1
Series 351	Shields FIRE-ACOL-C	64	1 1/2"	EX	EX	N/A	N/A	N/A	N/A	1
Series 350	Shields FIRE-ACOL	64	1 5/8" - 2 3/8"	EX	EX	N/A	N/A	N/A	N/A	1
Series 365	Shields FIRE-ACOL-15	63	1/4" - 1/2"	N/A	N/A	EX	EX	N/A	N/A	1
Series 355	Shields Fuel Fill	64	1 1/2" - 2"	EX	EX	N/A	N/A	N/A	N/A	1
Series 315	Shields 315 - Silverado 2000	65	1/4" - 5/8"	N/A	N/A	X	EX	C	EX	2
Series 368	Shields Low Permeation Marine Fuel Hose	63	1/4" - 1/2"	N/A	N/A	EX	EX	N/A	N/A	1
Series 369	Shields FIRE-ACOL Fuel Vent Hose	63	5/8"	N/A	N/A	X	X	EX	EX	1

SERIES NO.	NAME	PG. NO.	SIZE RANGE	APPLICATION						
				Submersible Bilge Pump	Remote Bilge Pump	Hand Bilge Pump	Livewell Inlet	Livewell Drain Above Water Line	Livewell Drain Below Water Line	Flexibility
<b>BILGE/LIVEWELL</b>										
Series 148	Shields Vac Extra Heavy Duty	53	5/8" - 1 1/2"	EX	EX	EX	EX	EX	EX	2
Series 149	Shields Livewell Hose	52	5/8" - 1 1/2"	EX	EX	EX	EX	EX	EX	1
Series 146	Shields Vac Extra Heavy Duty/Commercial Grade	52	5/8" - 3"	EX	EX	EX	EX	EX	EX	2
Series 141	Shields Multiflex	51	5/8" - 3"	EX	G	EX	X	G	X	1
Series 140	Shields Vac Std. w/cuffs	51	3/4" - 1 1/2"	EX	EX	EX	G	G	C	1
Series 123	Shields Bilgevac	51	3/4" - 1 1/8"	EX	G	EX	X	C	X	1
Series 120	Shields Bilgeflex	50	5/8" - 1 1/2"	G	X	C	X	X	X	1