



A WORLD LEADER IN MARINE PRODUCTS

SHIELDSFLEX

NAUTIFLEX HI TEMP

SHIELDS MARINE HOSE

A complete range of hose solutions designed to meet the demanding requirements of the marine environment.

ENGINE & DRIVE PARTS - CONTROLS & CABLES - INSTRUMENTATION - STEERING SYSTEMS



- 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	Type	Size	Application							
	Fresh Water Systems		Non-pressurized supply	Hot	Cold	Water tank fill	Drain line below water line	Drain line to sump or above water line	Water tank vent	Flexibility
162	All Clear Reinforced PVC — Red Tracer	3/8" to 1-1/2"	EX	EX	EX	G	G	G	G	2
150	PVC Tubing — Clear	3/16" to 1-1/2"	G	X	X	C	X	G	G	3
148	Shields Vac Extra Heavy Duty	5/8" to 1-1/2"	N/A	X	X	EX	EX	EX	EX	2
149	Shields Live Well Hose	5/8" to 1-1/2"	X	X	X	X	EX	EX	C	2
141	Shields Multiflex	5/8" to 3"	C	X	X	EX	X	EX	N/A	1

Series	Type	Size	Application					
	Sanitation Systems		Toilet to Holding Tank	Holding Tank Pump Out	Holding Tank to Toilet Water Inlet	Holding Tank Vent	Flexibility	
250	Shieldsflex II	1/2" to 2-3/8"	EX	EX	Overboard Discharge	EX	EX	1
101	Shields Sanitation Hose	1" to 1-1/2"	EX	EX	EX	N/A	N/A	1
148	Shields Vac Extra Heavy Duty	5/8" to 1-1/2"	G/EX	EX	EX	EX	EX	2
146	Shields Vac Extra Heavy Duty/ Commercial Grade	3/4" to 3"	G	EX	G	EX	EX	2
162	All Clear Reinforced PVC — Red Tracer	3/8" to 1-1/2"	X	X	X	EX	X	2
149	Shields Live Well	5/8" to 1-1/2"	G	G	G	EX	EX	2

Series	Type	Size	Application					
	Engine Hose		Engine Intake	Generator Intake	Engine Coolant	Engine Coolant (hose severe bend)	Exhaust Water Injection	Flexibility
250	Shieldsflex II	1/2" to 8"	EX	EX	EX	EX	EX	1
200	Marine Exhaust	1/2" to 14"	X	C	EX	X	G	3
135	#1350 H.D. Water Hose	1/2" to 1"	X	C	G	X	G	3
160	#1600 Water Hose	1/4" to 1-1/4"	X	G	EX	X	G	2
252	Shieldsaust - C	1-1/2" to 8"	EX	EX	EX	EX	EX	1

Series	Type	Size	Application						
	Fuel Systems		Oil Tank Fill	Fuel Tank Fill	Fuel Feed Inboard/ Outdrive	Fuel Feed Outboard	Fuel Tank Vent Inboard	Fuel Tank Vent Outboard	Flexibility
350	Shields FIRE-ACOL	1 5/8" to 2-3/8"	EX	EX	N/A	N/A	N/A	EX	1
355	Shields Fuel Fill	1-1/4" to 1 1/2"	EX	EX	N/A	N/A	N/A	N/A	1
315	Shields 315 - Silverado 2000	1/4" to 5/8"	N/A	N/A	X	EX	C	EX	2

Shields 200 Softwall Exhaust Hose

- 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°F to +200°F continuous
+250°F intermittent
- Meets SAE J2006 Type R1
- Sold by the foot



Part #	I.D.	O.D.
HOS 200-1-1/2	1-1/2"	1-15/16"
HOS 200-1-5/8	1-5/8"	1-3/32"
HOS 200-1-7/8	1-7/8"	2-23/64"
HOS 200-2	2"	2-31/64"
HOS 200-2-1/4	2-1/4"	2-3/4"
HOS 200-2-3/8	2-3/8"	2-7/8"
HOS 200-2-1/2	2-1/2"	3"
HOS 200-2-7/8	2-7/8"	3-7/16"
HOS 200-3	3"	3-9/16"
HOS 200-3-1/2	3-1/2"	4-3/32"
HOS 200-4	4"	4-17/32"
HOS 200-5	5"	5-5/8"
HOS 200-6	6"	6-11/16"
HOS 200-8	8"	8-25/32"
HOS 200-10	10"	10-7/8"
HOS 200-12	12"	12-7/8"

Shields 252 Corrugated Hardwall Exhaust Hose

- Black synthetic rubber tube and cover
- Reinforced with double wire helix imbedded between plies of synthetic cord
- Resistant to: exhaust fumes, ozone, mild chemicals, antifreeze, salt water & abrasion
- Temperature range:
-20°F to +200°F continuous
+250°F intermittent
- Meets SAE J2006 Type R2
- Sold by the foot



Part #	I.D.	O.D.
HOS 252-1-7/8	1-7/8"	2-21/64"
HOS 252-2	2"	2-7/16"
HOS 252-3	3"	3-7/16"
HOS 252-4	4"	4-9/16"

Shields 250 Hardwall Exhaust Hose

Designed for wet exhaust service. This hose has the same features as 200 softwall plus a helix wire embedded in the core that provides additional strength for longer runs. Reinforcing also provides rigidity for tight radius and resists collapsing.

- Temperature range:
-20°F to +200°F continuous
+250°F intermittent
- Abrasion resistant
- Odour permeation resistant
- Meets SAE J2006 Type R2
- Sold by the foot



Part #	Coil Size	I.D.	O.D.
HOS 250-1-1/2	50'	1-1/2"	1-53/64"
HOS 250-1-5/8	50'	1-5/8"	2"
HOS 250-1-7/8	50'	1-7/8"	2-19/64"
HOS 250-2	50'	2"	2-11/32"
HOS 250-2-3/8	50'	2-3/8"	2-3/4"
HOS 250-2-1/2	50'	2-1/2"	2-7/8"
HOS 250-3	10'	3"	3-7/16"
HOS 250-3-1/2	10'	3-1/2"	4"
HOS 250-4	10'	4"	4-5/8"
HOS 250-4-1/2	10'	4-1/2"	5-3/32"
HOS 250-5	10"	5"	5-5/8"
HOS 250-5-1/2	10'	5-1/2"	6-3/16"
HOS 250-6	10'	6"	6-21/32"

Wonderflex Butyl Hose

Constructed with a continuous, tempered, high-carbon, helical wound, steel wire embedded in a smooth bore butyl core and wrapped and bonded permanently to a durable, nylon fabric, rubber impregnated cover, producing a lasting strength and flexibility for kink free bends and turbulence free material transmission. UL listed and meets USCG requirements for wet exhaust systems.

- Temperature range - 40° F to 240° F
- Standard 10 foot lengths
- Not to be used for fuel filler hose

**Part# & Length**

WON 5/8"x10'
WON 3/4"x10'
WON 7/8"x10'
WON 1"x10'
WON 1-1/8"x10'
WON 1-1/4"x10'
WON 1-3/8"x10'
WON 1-1/2"x10'
WON 1-5/8"x10'

Part# & Length

WON 1-3/4"x10'
WON 1-7/8"x10'
WON 2"x10'
WON 2-1/8"x10'
WON 2-1/4"x10'
WON 2-3/8"x10'
WON 2-1/2"x10'
WON 3"x10'

Shields 141 PVC Flex Hose

A premium grade hose that is ideal for bilge pumps, livewell systems, shower or sink drains, and potable water fills. Clear FDA formula PVC with black vinyl helix. Flexible, abrasion resistant. Resistant to: mild chemicals, salt water

- Uses right hand threaded cuffs
- Packaged 50 feet per box or sold by the foot

Part # 50' Box	ID	Part # Foot
HOS 141-0346	3/4"	HOS 141-3/4"
HOS 141-1006	1"	HOS 141-1"
HOS 141-1186	1-1/8"	HOS 141-1-1/8"
HOS 141-1146	1-1/4"	HOS 141-1-1/4"
HOS 141-1126	1-1/2"	HOS 141-1-1/2"

* Not for use with glycol based antifreeze

Shields 150 Clear PVC Hose

The 150 series is FDA approved. Single extrusion vinyl is non-toxic, odourless and tasteless.

It is best suited for potable water, sink drains, ice boxes and refrigerators. Not recommended for hot water.

- Packaged 50 feet per box or sold by the foot

Part # Box	ID	Wall Thickness	Part # Foot
HOS 150-0146	1/4"	.078"	HOS 150-1/4"
HOS 150-0386	3/8"	.094"	HOS 150-3/8"
HOS 150-0126	1/2"	.110"	HOS 150-1/2"
HOS 150-0586	5/8"	.110"	HOS 150-5/8"
HOS 150-0346	3/4"	.110"	HOS 150-3/4"
HOS 150-1006	1"	.125"	HOS 150-1"

Shields 162 Clear PVC Hose with Red Tracer

Ideal for hot or cold pressure water systems, vent or drain lines and bilge pumps.

- Clear heavy wall FDA formula vinyl
- Polyester braid reinforcement – 250 psi burst pressure
- Packaged 50 feet per box or sold by the foot

Part # 50' Box	ID	OD	Part # Foot
HOS 162-0386	3/8"	9/16"	HOS 162-3/8"
HOS 162-0126	1/2"	23/32"	HOS 162-1/2"
HOS 162-0586	5/8"	27/32"	HOS 162-5/8"
HOS 162-0346	3/4"	31/32"	HOS 162-3/4"
HOS 162-1006	1"	1-5/16"	HOS 162-1"
HOS 162-1146	1-1/4"	1-5/8"	HOS 162-1-1/4"
HOS 162-1126	1-1/2"	1-15/16"	HOS 162-1-1/2"

Shields 164 PVC Hose with Blue Tracer

Designed specifically to handle tough applications like drain lines, and air conditioner circulation.

- White FDA formula vinyl tube
- Clear vinyl cover
- Polyester braid reinforcement - 250 psi burst pressure
- Packaged 50 feet per box or sold by the foot

Part # 50' Box	ID	OD	Part # Foot
HOS 164-0126	1/2"	11/16"	HOS 164-1/2"
HOS 164-0586	5/8"	13/16"	HOS 164-5/8"
HOS 164-0346	3/4"	15/16"	HOS 164-3/4"

Shields 146 Clear Hose

Suitable for heavy duty bilge pumps, livewell circulation, and sink or baitwell drains.

- Smooth cover clear FDA formula PVC with white vinyl helix
- Rated for full vacuum
- Resistant to: mild chemicals, salt water
- Packaged 50 feet per box or sold by the foot

Part # 50' Box	ID	OD	Part # Foot
HOS 146-0346	3/4"	31/32"	HOS 146-3/4"
HOS 146-1186	1-1/8"	1-7/16"	HOS 146-1-1/8"
HOS 146-1126	1-1/2"	1-3/4"	HOS 146-1-1/2"

Shields 149 Livewell Hose

Suitable for heavy duty bilge pumps, livewell circulation, and sink or baitwell drains.

- Black smooth cover with vinyl helix
- Rated for full vacuum
- Resistant to mild chemicals and salt water
- Sold by the foot

HOS 149-1-1/8"

Shields

420 Heavy Duty Black Vinyl Blower Hose

- For venting bilge gases & fumes
- Resistant to ozone, sunlight and weather checking
- Wire vinyl coated carcass is corrosion resistant
- Vinyl construction won't support fire

HOS 420-3" Per foot

HOS 420-4" Per foot

Shields 120 Bilge Hose

- Single layer corrugated polyethylene
- Resistant to: mild chemicals, salt water
- Clamping cuff every foot
- Packaged 50 feet per box or sold by the foot



Part # 50' Box	ID	Bend Radius	Part # Foot
HOS 120-0346	3/4"	3/4"	HOS 120-3/4"
HOS 120-1186	1-1/8"	1"	HOS 120-1-1/8"
HOS 120-1146	1-1/4"	1-1/2"	HOS 120-1-1/4"
HOS 120-1126	1-1/2"	2"	HOS 120-1-1/2"

Rule Bilge Hose

Bilge hose for Rule 4000 & 8000 GPH pumps. Corrugated for flexibility and resistant to detergents, oil, gasoline, diesel and salt water. Packaged 50 feet per box or sold by the foot.



RUL 90 2" I.D for Rule 4000 GPH pumps
RUL 92 3" I.D for Rule 8000 GPH pumps

Shields Bilge Hose

- PVC supported by vinyl covered steel wire
- Nylon reinforced
- Resistant to: mild chemicals, salt water
- Uses left hand threaded cuffs
- Packaged 50 feet per box or sold by the foot.



Part # 50' Box	ID	OD	VAC	Part # Foot
HOS 140-1126	1-1/2"	1-3/4"	28	HOS 140-1-1/2"

Shields 101 Saniflex Hose

An expertly formulated compound makes an excellent choice for toilet application.

- EPDM tube & cover, wire reinforced, two fabric plies
- Kink resistant and flexible
- Resistant to toilet chemicals, odour permeation, ozone, salt water and heat
- Sold by the foot



Part #	ID	OD
HOS 101-1-1/2"	1-1/2"	1-55/64"

Shields 148 Sanitation Hose

Perfect for head intake, discharge and pump-out. Recommended for below water line. Smooth tube and cover for proper clamping.

- Smooth white FDA grade PVC with vinyl helix
- Rated for full vacuum
- Resistant to: mild chemicals, salt water, permeation
- Packaged 50 feet per box or sold by the foot



Part # 50' Box	ID	OD	Bend Radius	Part # Foot
HOS 148-0586	5/8"	3/4"	2-1/2"	HOS 148-5/8"
HOS 148-0346	3/4"	1"	3"	HOS 148-3/4"
HOS 148-1006	1"	1-1/4"	4"	HOS 148-1"
HOS 148-1146	1-1/4"	1-1/2"	7"	HOS 148-1-1/4"
HOS 148-1126	1-1/2"	1-3/4"	8"	HOS 148-1-1/2"

Sealand Odor-Safe *Plus* Sani-Hose

The best hose on the market.

- 50 feet per box
- Sold by the foot

SLD 342871FT



Top rated by Practical Sailor

Sealand MaxFlex Sanitation Hose

Outstanding flexibility maintains full inside diameter even around tight corners. Clamps easier than other hoses for airtight connections.

- 50 feet per box
- Sold by the foot

SLD 341116FT 1-1/2"



Shields 142 Sanitation Hose Cuffs

Deep left hand thread design for hold fast installations. Made of FDA approved material. Sold individually.

HOS 142-1120 1-1/2" ID



Shields 135 Extra Heavy Duty Heater Hose

Designed for critical water connections where high strength and better flexibility are important.



- Excellent bend radius
- Resists heat, cold, ozone, mild chemicals and sea water
- Operating temperature range -40F to +190F
- Burst pressure: 200 PSI (except 1", 150 PSI)

Part # 50' box	ID	OD	Part # Foot
HOS 135-0126B	1/2"	.811	HOS 135-1/2"B
HOS 135-0586B	5/8"	.968	HOS 135-5/8"B
HOS 135-0346B	3/4"	1.118	HOS 135-3/4"B
HOS 135-1006B	1"	1.441	HOS 135-1"B

Shields 160 Heater Hose

- For critical water connections
- Heat exchanger, toilet intake, small engine intake, bilge pump intake/ discharge
- Below water line drains and scuppers
- EPDM tube and cover, fabric reinforced, good bend radius.
- Resistant to: mild chemicals, heat, cold, ozone, salt water.
- Temperature range: -40° to +190° F



HOS 160-1-1/4"	1.75" OD, per foot
HOS 160-1-1/2"	2.2" OD, per foot

Shields Fuel Tank Vent Hose

- EPA compliant outboard fuel line
- For use in above deck primer bulb assemblies
- Resistant to Ethanol blend fuels
- CARB compliant for small engine use
- Packaged 50 feet per box or sold by the foot



Part # 50' Box	ID	OD	Part # Foot
HOS 331-0566	5/16"	19/32"	HOS 331-5/16"
HOS 315-0586	5/8"	29/32"	HOS 315-5/8"

Sierra Bleeder Hose

- Made from alcohol resistant compounds.
- .09 ID x .19 OD
- 50' length

SIE 18-8048

**Shields 355 Type A2 Fuel Hose**

Premium quality fire-retardant fuel hose meets or exceeds all requirements of new ISO 7840 and SAE J5127 standards required by USCG, ABYC and NMMA. Resistant to gasoline, diesel and alcohol-enhanced fuels. Reinforced with helical wire between plies of nylon spiral cord. Provides strength and flexibility. Resistant to abrasion, heat and ozone.



- Burst pressure is 90 PSI

Part # Foot	ID	OD
HOS 355-1-1/2"	1-1/2"	1-57/64"

Shields 350 Type A2 Fuel Fill Hose

- Resists gasoline/alcohol blends
- Compounded for low permeation
- Reinforced with wire helix imbedded between plies of HD synthetic cord
- Abrasion resistant
- Temperature range: -5°F to 180°F
- Burst pressure is 90 PSI
- Meets SAE J1527 Type A2 and ISO 7840 Type A2 NMMA/CE Type Accepted



Part # Foot	ID	OD	Part # 50' Box
HOS 350-1"	1"	-	HOS 350-1006
HOS 350-2"	2"	2-31/64"	N/A

Shields 368 Type A1 Fuel Hose

Fuel Feed - Gasoline up to 85% ethanol blended fuels / diesel / bio-diesel all blends

- Complies with EPA and CARB very low permeation requirements
- Meets USCG Type A1-15 requirements for pleasure boats
- Plastic barrier veneer with NBR outer layer tube to limit permeation
- Polyester reinforced
- Weather/UV resistant NBR/PVC cover
- Meets SAE J1527 Type A1-15 ISO 7840 Type A1 NMMA/CE type accepted
- Temperature range: -20°F to 212°F



Part # 50' Box	ID	OD	Part # Foot
HOS 368-0146	1/4"	19/32"	HOS 368-1/4"
HOS 368-0566	5/16"	11/16"	HOS 368-5/16"
HOS 368-0386	3/8"	25/32"	HOS 368-3/8"
HOS 368-0126	1/2"	27/32"	HOS 368-1/2"
HOS 369-0586	5/8"	1-1/32"	HOS 368-5/8"