



Dennis Koch, Owner and President

## 35 Years of industry leadership

Discover the many valuable benefits that our customers have enjoyed for over 35 years: industry leadership, technical support and award-winning customer service, trusted product quality, logistical strength, cost containment and innovative solutions

We welcome the opportunity to earn your business and look forward to becoming your trusted partner.

Visit our web site at www.marinehose.com or call our experienced sales team today at 1-877-MPI-HOSE (1-877-674-4673)



Just a few of the boat manufacturers and distributors that we are proud to serve:

Bayliner Marine Bennington Marine Berkshire Pontoons Boston Whaler **Chaparral Boats Cobalt Boats** Correct Craft Crownline Boats **Cummins Engine** Donovan Marine Four Winns Godfrey Marine **Grady-White Boats** Harris Kayot Jerry's Marine Service Key West Boats Larson Boats Lowe Boats Lund Boats Malibu Boats MasterCraft Mercury Marine Monterey Boats NauticStar Boats Ranger Boats Ranger Tugs Regal Marine Scout Boats Sea Hunt Boats Sea Ray Boats Smoker Craft Stingray Boats Sunseeker Pontoons Thunderbird Tiara Yachts Tracker Marine Viking Yachts Yamaha Jet Boats





## Accessories & Tools

### Description

### Easy Oil Drain Kit

Series 305, 306, 307, 308 & 309



It's quick and easy to drain engine oil without a pump. Simply push the hose through the transom drain plug hole or place anywhere below oil pan. Assembly includes oil resistant hose with non-corrosive brass fittings. Available in sizes to fit most I/O marine engines.

Series	Thread Size	Engine Model
305	1/2"- 20	Standard Chevy 1996 & prior
306	3/8"- 18	Mercruiser Inboard
307	3/4"- 16	Volvo Penta Inline
308	12mm x 1.75	Metric Chevy 1996 & later
309	14mm x 1.5	Metric Ford 302 & 351

### Polybags

Series SLT



### Wire Installation Tool

Available in a range of sizes, our conduit installation tools allow you to save time and work more efficiently. Prevents wear on hands and eliminates the risk of cuts from sharp edges. Sturdy construction for long job life.

1/4" to 2-1/2"

Bulk: 10 pc

Series HC



### **Hose Cutters**

Our premium quality hose and tubing cutter is designed to make quick work of your hose cutting requirements. The blade is forged from long lasting, high-quality steel, which creates a blade that is sharper and holds its edge longer, for cleaner more precise cuts. Replacement blades also available.

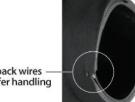




### Wire Cutters

Description

Our heavy-duty wire and bolt cutter is ideal for cutting the wire back into the hose for safer handling of the hose end. Heat-treated chrome, embedded in steel jaws, provides the best performance and longest life. Features ergonomic anti-slip grips. Screws adjust, allowing for perfect jaw alignment.



Trim back wires for safer handling

### SureBail

### Series 900 & 902



### SureBail® Automatic Float Switch

For bilge pump and high water alarm systems. Preferred by American boat owners for over 20 years. Solid state electronic relay switch is sealed in polyurethane foam float. Simple patented operation prolongs the life of your bilge pump.

Series 900 - SureBail — Mercury Switch with infinite cycle life.

Series 902 – SureBail E2 — RoHS compliant with regulations on hazardous substances, contains no mercury.



## Custom Parts Available

Don't see what you need in this catalog? Ask us about creating custom parts from your drawings and specifications. We will get you what you need, when you need it.

# Trusted Leadership

There's a reason why 95% of North America's respected boat manufacturers and boat owners trust Marine Products International, (MPI), to supply their hose and accessories: We've earned their trust.

MPI continues to set industry standards with our vast experience, award-winning customer service, independent product testing and proven product performance – bringing you knowledgeable guidance at every turn.



## Boat owners ask for our genuine OEM hoses

MPI offers convenient payout boxes, polybags and clamshells to keep your marine hose organized and easily displayed for resale.

## Private labeling

We also offer private labeling of our large variety of hose packaging, reinforcing your brand with the consumer.

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## R O V F D

## MPI's fuel, exhaust and water hose meet or exceed industry standards

MPI is committed to providing the best hose in the industry. We independently test our products to make sure we deliver the proven performance that you rely upon.









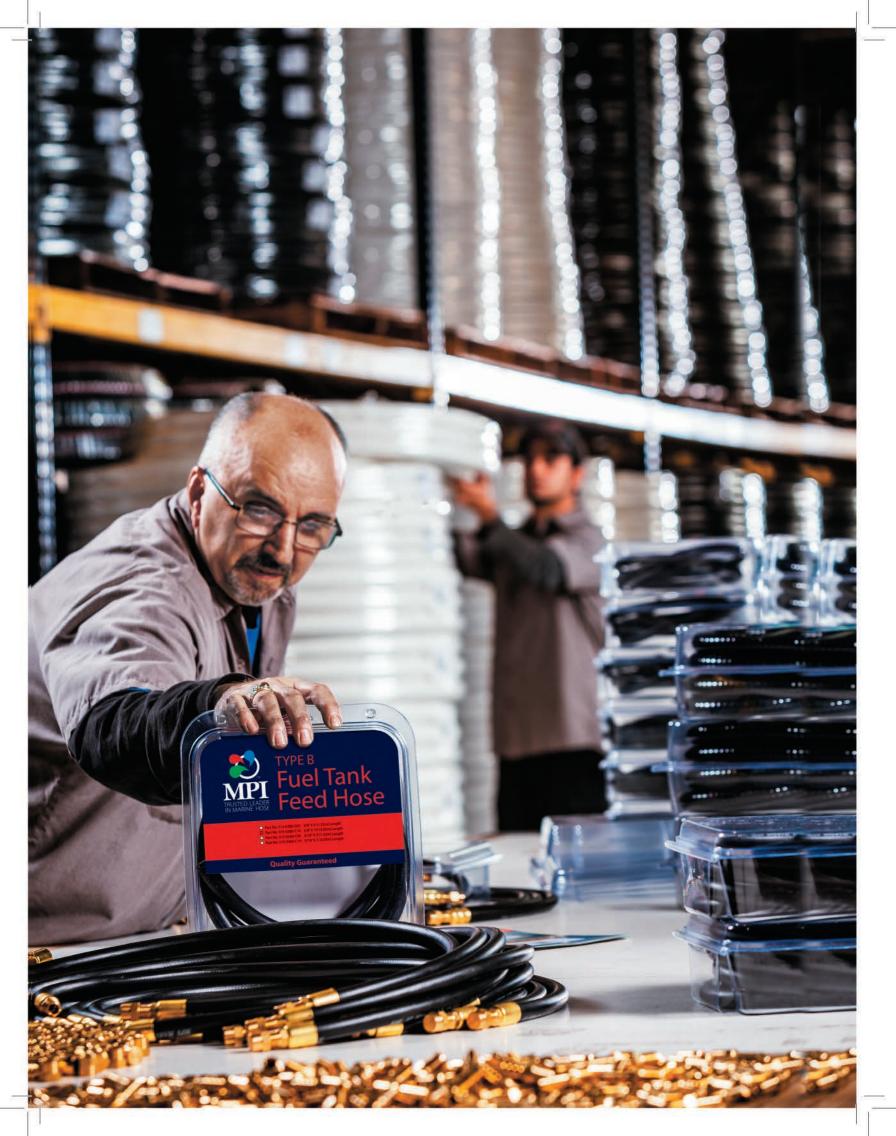












# Custom OEM Hose Kits



## Our OEM hose kits eliminate scrap and improve productivity

Our OEM boat-builder hose kits contain your specified precut hoses and components – ready to go – so you can realize major cost savings through reduction of material usage and labor.



## MPI's value-added services bring additional cost-savings

Talk to our industry experts and find how we can help improve your manufacturing processes with our value-added services like adding connectors, cutting hose to length and including clamps. Our custom hose kits, assembled to your specifications, are proven to streamline your warehousing and manufacturing processes.



# Water System Hose

Water Systems	Description	I.D.	Packaging
Series 100  MPI HARDWALL WATER	Hardwall Water Hose Premium quality water hose suitable for engine raw water intake and circulation, bilge and drain. Tough, fully-embedded helical wire construction provides excellent strength and flexibility. Resists heat, ozone, mild acids, bilge oils and engine water. Meets or exceeds the requirements of SAE J2006 R2 standard, and has double the ozone resistance required by the SAE standard. Operating temperature range -20° F to 220° F.	1/2" to 2"	Bulk: 50'Coil Payout Boxes: 6.25', 12.5' and 50'
Series 110	Softwall Water Hose Premium quality water hose for engine raw water intake and circulation, heat exchanger and heavy-duty discharge. Tough two-ply construction provides excellent strength. Resists heat, ozone, mild acids, bilge oils and engine water. Meets or exceeds the requirements of SAE J2006 R1standard, and has double the ozone resistance required by the SAE standard. Operating temperature range -20° F to 220° F.	1/2" to 1-3/8"	Bulk: 50'Coil Payout Boxes: 6.25', 12.5' and 50'
Series 152  MPI CORRUGATED WATER SAE J2006	Corrugated Water Hose Premium quality water hose for engine raw water intake and circulation, heat exchanger and heavy-duty discharge. Corrugated construction provides excellent flexibility. Resists heat, ozone, mild acids, bilge oils and engine water. Meets or exceeds the requirements of SAE J2006 R2 standard, and has double the ozone resistance required by the SAE standard. Operating temperature range -20° F to 220° F.	2" to 3"	Bulk: 50'Coil Payout Boxes: 6.25', 12.5' and 50'
Series 104  MPI PREMIUM SANITATION	Premium Rubber Sanitation Hose Heavy-duty sanitation hose for all head and holding tank connections. Specially compounded rubber provides maximum resistance to odor permeation and toilet chemicals. Helical wire provides excellent flexibility and bend radius. Resists heat and ozone. Color coded green stripe. Meets or exceeds the requirements of SAE J2006 R2 standard, and has double the ozone resistance required by the SAE standard. Operating temperature range -20° F to 220° F.	1" and 1-1/2"	Bulk: 50' Coil Payout Boxes: 6.25' and 12.5'
Series 120 (black) & 121 (white	Standard Bilge Hose Ideal for electric and manual bilge pumps and livewell aerators. Heavy-corrugated polyethylene construction with custom molded cuff every foot for easy installation and clamping. Excellent flexibility. Resists heat, cold, sea water, ozone and oily bilge acids.	5/8" to 1-1/2"	Bulk: 150' to 600' Cartons (See website for specific I.D. x length) Payout Boxes: 25' and 50' Polybags: 6' and 9'

DO NOT USE ON THROUGH HULL FITTING BELOW WATER LINE.

\* Special order – minimum quantities apply on Series 121 white.

Water Systems	Description	I.D.	Packaging
Series 131V	Silicone Water Heater Hose Very high temperature, blue with red tube provides greater temperature range and service life up to six times longer than standard EPDM rubber #132 heater hose. Two spiral polyester reinforcements. 45–75 PSI working pressure, temperature range -65° to 350°F. Meets or exceeds SAE J20R3 class 1 standard.	1/4" to 1"	Bulk: 250'Reel Payout Boxes: 25' and 50'
Series 132 (black) & 132R (red)  MPI WATER HEATER SAE J20R3	Heavy-Duty Water Heater Hose Used mainly for engine water, water heater, air conditioner circulation, icebox, sink and shower drain lines. Heavy EPDM tube and cover with reinforced high-strength polyester yarn. Resistant to mild chemicals, heat, cold, ozone and sea water. Operating temperature range -40°F to +210°F.	Black 1/4" to 1-1/2" Red 5/8" only	Bulk: 300' to 500' Reels (See website for specific I.D. x length) Payout Boxes: 25' and 50' Polybags: 10'
Series 140	Corrugated PVC Water Hose – FDA Approved Compounds Flexible vinyl hose with smooth inside surface for sink and shower drains, potable water fill, and heavy-duty bilge discharge. Excellent bend radius. Use Series 147 (right-handed thread) Hose End Cuff.  DO NOT USE ON THROUGH HULL FITTING BELOW WATER LINE.	3/4" to 1-1/2"	Bulk: 100'Coil Payout Boxes: 25' and 50' Polybags: 10'
Series 140W	Wire Reinforced PVC Water Hose Extremely flexible vinyl hose supported by vinyl coated helical steel wire. Nylon reinforcement added to 1-1/2" I.D. hose for added strength. For use as heavy-duty bilge discharge and various drain lines. Use Series 147W (left-handed thread) Hose End Cuff.	3/4" to 3"	Bulk: 100'Coil Payout Boxes: 25' and 50'
Series 141	PVC Bilge Vac Hose  For use in bilge pump discharge, livewell circulation and scupper drains. Smooth, clear PVC tube reinforced with black PVC helical rod. Excellent flexibility and bend radius. Not recommended for use in alcohol, anti-freeze, petrochemical, mild acid or solvent applications.	5/8" to 2"	Bulk: 100'Coil Payout Boxes: 25' and 50 Clam Shells: 5' and 10' Polybags: 10'
Series 144	MPI Odor-Guard Sanitation Hose Smooth wall extra heavy-duty vinyl hose with PVC helical reinforcement. Has the same flexibility and bend radius as our premium PVC sanitation hose. Extra odor fighting compound for all head and holding tank connections. Not suitable for potable water.	1" and 1-1/2"	Bulk: 100'Coil Payout Boxes: 25'and 50
Series 145	Heavy-Duty PVC Livewell Hose (Clear) For use in heavy-duty bilge pump discharge and livewell circulation. Smooth clear PVC tube reinforced with black PVC helical rod. Excellent flexibility. Clear, smooth outer surface permits easy clamping and visual inspection of blockage. Not recommended for use in alcohol, anti-freeze, petrochemical, mild acid, solvent or pressurized water system applications.	1/2" to 2"	Bulk: 100'Coil Payout Boxes: 25' and 50 Polybags: 10'

Water Systems	Description	I.D.	Packaging
Series 148	Premium PVC Sanitation Hose – FDA Approved Compounds FDA approved for use in holding tank connections, sanitation vent and toilet systems. Smooth, extra heavy-duty PVC tube, reinforced with PVC helical rod. Made with specially formulated FDA approved material to provide excellent resistance to odor permeation and toilet chemicals. Not recommended for use in alcohol, anti-freeze, petrochemical, potable water, solvent or pressurized water systems.	5/8" to 2"	Bulk: 100'Coil Payout Boxes: 25' and 50' Polybags: 10'
Series 149	Heavy-Duty PVC Livewell Hose (Black) Helical PVC reinforcement provides excellent flexibility and bend radius for heavy-duty livewell and bilge pump applica- tions. Smooth outer surface allows easy clamping. Not suitable for pressurized water systems.	3/4" to 2"	Bulk: 100'Coil Payout Boxes: 25' and 50' Clamshells: 5', 10' and 15' Polybags: 10'
Series 150	Clear PVC Tubing Excellent for use in cool water applications such as fresh water, sink, shower, livewell and refrigerator drain lines. Single extrusion, NON-TOXIC vinyl produced with an FDA approved compound. Quality tested to meet or exceed marine requirements.	1/8" to 1-1/2"	Bulk: 200'Coil 1-1/4" & over x 100'Coil Payout Boxes: 25' and 50' Polybags: 10'
Series 157	LDPE Vacuum Tubing Semi-rigid tubing for use in fiberglass resin vacuum bagging operations. Good solvent and stress crack resistance. Materials comply with FDA specification. Operating temperature range -50°F to 150°F.	1/2" and 5/8"	Bulk: 500'Coil
Series 163  MPT AIR CONDITIONING HOSE	MPI AIR-CON Specially formulated for chiller circulation and drain lines in air conditioner systems. Extra heavy-duty white PVC cover with black PVC inner tube reinforced with braided polyester yarn. Superior kink resistance. Operating temperature range -40°F to 150°F.	1/2" and 5/8"	Bulk: 250'Coil Payout Boxes: 25' and 50'
Series 162	Clear Reinforced PVC Tubing (red & blue tracer) Excellent for use in potable water, as well as hot and cold pressurized water applications. Heavy-duty clear vinyl, non-toxic reinforced tubing produced with an odorless and tasteless FDA approved compound. Not recommended for use with alcohol, petrochemical, or solvents. Operating temperature range -20°F to +150°F.	3/8" to 1-1/2"	Bulk: 250'Coil 1"& over x 100'Coil Payout Boxes: 25' and 50' Clamshells: 5', 10' and 15' Polybags: 10'
Series 164	Clear Reinforced PVC Tubing (blue tracer) Excellent for use in potable water, as well as hot and cold pressurized water applications. Heavy-duty clear vinyl cover with white inner tube, non-toxic reinforced tubing produced with an odorless and tasteless FDA approved compound. Not recommended for use with alcohol, petrochemical, or solvents. Operating temperature range -20°F to 150°F.	1/2" to 3/4"	Bulk: 250'Coil Payout Boxes: 25' and 50' Polybags: 10'
Series 165	Heavy-Duty Clear Reinforced PVC Tubing Excellent for use in potable water, as well as hot and cold pressurized water applications. Heavy-duty clear vinyl, non-toxic reinforced tubing produced with an odorless and tasteless FDA approved compound. Not recommended for use with alcohol, petrochemical, or solvents. Operating temperature range -20°F to 150°F.	1/4" to 1-1/2"	Bulk: 300'Coil 1-1/4" & over x 100'Coil Payout Boxes: 25' and 50' Polybags: 10'



## Ventilation Systems

### **Ventilation Systems**

Series 400 (black) Series 402 (white) Vinyl Blower Hose For use in venting bilge gases and fumes. Strong, flexible construction of wire supported vinyl. Resistant to ozone, weather, and sunlight. Will not support a flame.

3" and 4"

Bulk: 50' Box Payout Boxes: 50' Clam Shells: 10' Polybags: 10'



Series 420

### Heavy-Duty Vinyl Blower Hose

2", 3" and 4"

Bulk: 2" x 300' Box

3" x 300' Box 4" x 200' Box Payout Boxes: 50'



Heavy mil black PVC permanently bonded to a vinyl coated spring steel wire helix. Crush resistant. Excellent flexibility and air flow. Meets UL 94V and MVSS flammability resistance standards and burn test criteria.

Non-Insulated A/C duct hose. Extra-heavy thermoplastic elastomer,

permanently bonded to a vinyl coated, spring steel wire. Meets or exceeds UL 94 V-O flammability resistance standard. Operating temperature range

Non-Insulated A/C duct hose. Vinyl Coated, Woven Fiberglass. Resistant to ozone, UV and corrosion. Meets or exceeds UL 181, Class 1 flammability

resistance standard. Operating temperature range -20°F to 250°F.

Series 460

### Air Conditioner Duct Hose - UL 94

-20°F to 200°F.

3" to 7"

Bulk: 50' to 200" Box (See website for specific

I.D. x length) Payout Boxes: 25'



### Air Conditioner Duct Hose - UL 181

3" to 7"

Bulk: 25' to 50" Box (See website for specific

I.D. x length) Payout Boxes: 25'



Series 480

Series 461

### Insulated Air Conditioner Duct Hose - UL 181

3" to 12"

Bulk: 25' Box Payout Boxes: 25'

Double lamination of tough polyester, which encapsulates a steel wire helix, forms air-tight inner core. Seamless black polyethylene vapor barrier surrounds thick blanket of fiberglass insulation. R value 4.2. Meets UL 181 and NFPA 90A and 90B standards. Operating temperature range -20°F to +250°F.



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Wire & Cable Conduit	Description	I.D.	Packaging
Series 122	MPI Wire, Cable and Hose Conduit Lightweight polyethylene. Provides a ultra-smooth interior surface for easy installation of hose, cables, or wire harnesses. Excellent flexibility with a crush resistant polyethylene helix. Operating temperature range -40° F to 160° F.	1-1/2", 2" and 3"	Bulk: 200' to 300' Box Payout Boxes: 25' and 50'
Series 123U	Unslit Conduit Tubing – UL 94 V-2 Creates quality appearance in wiring systems. Corrugated polyethylene provides excellent conduit for multiple wire or cable routing. Ideal product for hose abrasion protection. Flexible, unslit, polypropylene tubing. Specially formulated in accordance with UL 94 V-2 tests for flammability. Meets tough ABYC standards.	1/4" to 2"	Bulk: 100' to 3,200' Box (See website for specific I.D. x length) Payout Boxes: 50' and 100' Polybags: 10'
Series 123 (black) Series 123W (white)	Slit Conduit Tubing – UL 94 V-2 Creates quality appearance in wiring systems. Corrugated, slit polyethylene tubing, provides excellent conduit for multiple wire or cable routing. Ideal product for hose abrasion protection. Flexible, slit polypropylene specially formulated in accordance with UL 94 V-2 tests for flammability. Meets tough ABYC standards.	3/8" to 2"	Bulk: 100' to 1,900' Box (See website for specific I.D. x length) Payout Boxes: 50' and 100' Polybags: 10'
Series 125U	Unslit Conduit Tubing Creates quality appearance in wiring systems. Corrugated polyethylene provides excellent conduit for multiple wire or cable routing. Ideal product for hose abrasion protection.	1" to 2"	<b>Bulk:</b> 1" x 250' Box 1-1/2" and 2" x 100' Box
Series 125 (black)	Slit Conduit Tubing Creates quality appearance in wiring systems. Corrugated polyethylene provides excellent conduit for multiple wire or cable routing. Ideal product for hose abrasion protection.	1/4" to 2"	Bulk: 100" x 3,200' Box (See website for specific I.D. x length) Payout Boxes: 50' and 100' Polybags: 10'
Series 126, 127 & 128	Outboard Rigging Tubing 126-grey, 127-black and 128-white High quality, crush resistant plastic construction provides excellent flexing and abrasion protection. Material is resistant to bilge acids, fuel solutions and ultra violet rays. For all bracket mounted outboard motors.	Grey 2" Black 2" and 3" White 2"	Bulk: 100'Box Payout Boxes: 50'and 100'



## Fuel System Hose

Fuel Systems	Description	I.D.	Packaging
Series 315	Fuel Tank Feed & Vent – USCG Type B1& B2 Premium quality tube and cover with braided reinforcement for added strength and flexibility. Resists vapor permeation, heat, cold, ozone and premature aging caused by gas, diesel and alcohol-enhanced fuels. Meets or exceeds all requirements of ISO 7469 and SAE J1527 standards	Type B1 Fuel Feed 1/4" 5/16" 3/8"	Bulk: 250'Coil Payout Boxes: 25' and 50' Clam Shells: 5' and 10' Polybags: 10'
	required by USCG, CE, ABYC and NMMA.	Type B2 Fuel Vent 5/8"	
Series 350	Fuel Tank Feed & Vent – USCG Type A1& A2 Premium quality tube and cover with braided reinforcement for added strength and flexibility. Resists vapor permeation, heat, cold, fire, ozone and premature aging caused by gas,	Type A1 Fuel Feed 1/4" to 3/4	Bulk: 100' or 250' Reel/Coil Payout Boxes: 25', 50' and 100' Clam Shells: 5' and 10' Polybags: 10'
EMPI FUEL FEED & VENT	diesel and alcohol-enhanced fuels. Meets or exceeds all requirements of ISO 7840 and SAE J1527 standards required by USCG, CE, EPA, CARB, ABYC (H24 & H33) and NMMA.	Type A2 Fuel Vent 1"	· oryzags.
Series 350, 352 and 355	Fuel Tank Fill Hose - USCG Type A2	350 Hardwall	Bulk: 50'Coil
	Premium quality fire-retardant fuel hose meets or exceeds all requirements of ISO 7840 and SAE J1527 standards	1-1/2" to 3"	Payout Boxes: 10' and 12.5'
MIPI MARINE FUEL	required by USCG, CE, EPA, CARB, ABYC and NMMA. Resistant to gasoline, diesel and alcohol-enhanced fuels. Reinforced	352 Corrugated 1-1/2" or 2"	

### Series 360

MPI MARINE FUEL



### Low Perm Fuel Tank Feed & Vent - USCG Type A1-15

with helical wire between plies of nylon spiral cord. Provides

strength and flexibility. Resistant to abrasion, heat and ozone.

Premium quality, low permeation, nitrile synthetic rubber with nylon barrier and spiral texture reinforcement; for added strength, excellent flexibility and bend radius. Provides extraordinary resistance to gasoline, ethanol, diesel and alcohol-enhanced fuels. Meets or exceeds all requirements of EPA and CARB low-permeation regulations, CE, ISO 7840-A1 and SAE J1527 standards required by USCG (Type A1-15), ABYC (H24 & H33), and NMMA.

1/2" to 5/8"

355 Softwall

1-1/2" or 2"

Bulk: 250'Reel

Payout Boxes: 25', 50' and 100' Clam Shells: 5' and 10'

Polybags: 10'

### MPI HP Fuel



Premium quality, high-pressure fuel feed line. Over-braided wire construction with outer silicone fire sleeve. Coupled with automotive quick-connect fittings for maximum safety. Meets or exceeds all CE, ISO 7840, SAE J1527, USCG Type A1-15, ABYC H-24 and H-33, NMMA, EPA and CARB low permeation requirements.

3/8"

Custom Lengths Fully Assembled



Wet	EXI	naust	Sys	tems
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Wet Exhaust Systems	Description	I.D.	Packaging
Series 200  MPT SOFTWALL EXHAUST	Softwall Marine Exhaust Hose Type certified for wet exhaust service. Heavy wall construction with multiple plies of nylon spiral cord prevents shock, wall collapse, panting and vibration. Resists engine exhaust, high temperatures and ozone. Recommended for short, straight connections. Color coded with blue stripe. Meets SAE J2006 R1 standard, and has double the ozone resistance required by SAE J2006. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Formulated to withstand continuous operating temperatures of -20°F to 220°F.	1-1/2" to 14"	Bulk: 12.5' Length and 50' Coil Distributor Lengths: 6.25' and 12.5'
Series 250  MPI HARDWALL EXHAUST	Hardwall Marine Exhaust Hose Same features as our premium softwall exhaust hose. Wire reinforcement provides additional strength for longer connections with excellent flexibility. Recommended for runs longer than four times the inside diameter of the hose. Color coded with blue stripe. Meets SAE J2006 R2 standard, and has double the ozone resistance required by SAE J2006. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Formulated to withstand continuous operating temperatures of -20°F to 220°F.	1-1/2" to 8"	Bulk: 12.5' Length and 50' Coil Distributor Lengths: 6.25' and 12.5'
Series 252  MPI CORRUGATED EXHAUST	Corrugated Marine Exhaust Hose Same features as our Series 200 and 250 premium marine wet exhaust hose. Corrugated construction with double wire helix embedded between multiple plies of tough rayon spiral cord provides strength and outstanding flexibility. For use on longer runs which require the tightest bends. Color coded with blue stripe. Meets SAE J2006 R2 standard, and has double the ozone resistance required by SAE J2006. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Formulated to withstand continuous operating temperatures of -20°F to 220°F.	1-1/2" to 8"	Bulk: 12.5' Length and 50' Coil Distributor Lengths: 6.25' and 12.5'
Series 202	EPDM Marine Exhaust Elbow Our custom formed rubber elbows are the solution for those tough exhaust system installation problems. Excellent heat-resistant, heavy wall construction will absorb engine vibration and noise. Reduce costs while solving space and alignment concerns. Meets or exceeds SAE J2006 standards. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Formulated to withstand continuous operating temperatures of -20°F to 220°F.	I.D. 3-1/2" 3-1/2"	Leg Lengths 9" x 9" 7" x 14"
Series 203	Silicone Marine Exhaust Elbow Our custom formed black cover silicone elbows are an excellent solution for high temperature exhaust installation problems. Meets or exceeds SAE J2006 and ISO 13363 standards. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Formulated to withstand continuous operating temperatures of -40°F to 350°F.	I.D. 3-1/2"" 4" 5"	Leg Lengths 7" x 10" 7" x 10" 7" x 10"

Wet Exhaust Systems	Description	I.D.	Packaging
Series 202V	Silicone Marine Exhaust Hose – Blue VHT – Straight Very High Temperature silicone rubber marine exhaust hose. 4 to 6 ply polyester reinforcement. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Meets or exceeds all SAE J2006 R1, Mil specs, ABYC and ISO 13363: 2004 Type 2 - Class B standards. Formulated to withstand continuous operating temperatures of -20°F to 350°F.	1" to 20"	<b>Distributor Lengths:</b> 3', 6' and 12'
Series 202X	Silicone Marine Exhaust Hose - Red XHT – Straight Extra High Temperature silicone rubber marine exhaust hose. 4 to 6 ply polyester reinforcement. Lasts up to six times longer than black rubber. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Meets or exceeds all SAE J2006 R1, Mil specs, ABYC and ISO 13363: 2004 Type 2 - Class B standards. Formulated to withstand continuous operating temperatures of -20°F to 500°F.	3" to 20"	Distributor Lengths: 3′, 6′ and 12′
Series 252V	Silicone Marine Exhaust Hose – Blue VHT – Corrugated Very High Temperature silicone rubber marine exhaust hose. 4 to 6 ply polyester reinforcement. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Meets or exceeds all SAE J2006, Mil specs, ABYC and ISO 13363: 2004 Type 2 - Class B standards. Formulated to withstand continuous operating temperatures of -20°F to 350°F.	3/4" to 5"	Distributor Lengths: 3′, 6′ and 12′
Series 252VF	Silicone Marine Exhaust Hose – Blue VHT – Corrugated/Straight Very High Temperature silicone rubber marine exhaust hose. 4 to 6 ply polyester reinforcement. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Meets or exceeds all SAE J2006, Mil specs, ABYC and ISO 13363: 2004 Type 2 - Class B standards. Formulated to withstand continuous operating temperatures of -20°F to 350°F.	1" to 5"	Distributor Lengths: 3', 6' and 12'



### Series MPL-90, 292V & 292X 90° Exhaust Elbows

All EPDM elbows 5-1/2" and over are ribbed to provide the maximum resistance to panting & collapse. Available with I.D. 2" to 10". Series MPL-90 Black HT,

Blue VHT, Series 292V Series 292X Red XHT



Series MPL-45, 242V & 242X 45° Exhaust Elbows

All EPDM elbows 5-1/2" and over are ribbed to provide the maximum resistance to panting & collapse. Available with I.D. 2" to 10".

Series MPL-45 Black HT, Blue VHT, Series 242V Series 242X Red XHT



Series MHH, 272V & 272X Single-Hump

**Exhaust Couplers** Available with I.D. 3" to 20". Series MHH Black HT, Series 272V Blue VHT, Series 272X **Red XHT** 



Series 274V & 274X Double-Hump **Exhaust Couplers** 

Available with I.D. 6" to 20". Series 274V Blue VHT, Series 274X Red XHT

## All VHT products are designed for wet exhaust systems, and should not be used in pressurized systems.

High temperature EPDM rubber. Formulated to withstand continuous operating temperatures of -20°F to 250°F.

### Blue VHT and Red XHT

Extra-high temperature silicone rubber. Ultimate quality silicone marine exhaust hose. 4 to 6 ply polyester reinforcement. Lasts up to six times

longer than black rubber. Meets or exceeds all SAE J2006 R1, Mil specs, ABYC standards and ISO 13363: 2004 Type 2 - Class B.

Blue VHT: Formulated to withstand continuous operating temperatures of -20°F to 350°F.

Red XHT: Formulated to withstand continuous operating temperatures of -20°F to 500°F.



Only Heavy-Duty T-bolt clamps should be used on elbows, hump hoses and reducers. ABYC recommends double clamping each connection with Series 720 Heavy-Duty T-bolt clamps for maximum safety, per ABYC Section 1.7.1.10. Add -SS to end of a hose part number to order for package of 4 stainless steel T-bolt clamps.



## Accessories

Accessories	Description	I.D.	Packaging
Series 147 (right-hand thread) Series 147W (left-hand thread)	Hose End Cuffs Made of durable PVC using FDA materials. Provides excellent clamping surface for Series 140 (right-hand thread) and Series 140W (left-hand thread) corrugated PVC water hose. Apply with sealing compound for water tight fit.	3/4" to 2"	<b>Bulk:</b> 100/Pack
Series 201	Exhaust Flap EPDM compounded rubber exhaust flapper. Designed to prevent water from entering exhaust system. Weather and UV resistant. Use with Series 721 Exhaust Flap Clamps.	3", 4", 5" and 6"	
Series 747	Transom Mounting Flange Ideal for securing outboard rigging tubing to transom. Threaded molded plastic grips conduit securely. Black only.	2" and 3"	
Series 720	Heavy-Duty T-Bolt Clamp Excellent for all exhaust and many other marine hose applications. 360° clamping surface assures proper retention. Constructed of 316 stainless steel with nylon insert lock nut. Maximum clamp adjustment with extra long T-bolt.	Hose I.D. 1" 1-1/2" 2" 2-1/2" 3" 3-1/2" 4" 4-1/2" 5" 6" 8" 10" 12" 14" 16" 20"	Clamp Range 1.25" - 1.37" 1.6" - 2.25" 2.1" - 2.75" 2.75" - 3.4" 3.2" - 3.85" 3.65" - 4.3" 4.15" - 4.8" 4.75" - 5.4" 5.3" - 5.95" 6.4" - 7.05" 8.4" - 9.05" 10.5" - 11.15" 12.5" - 13.15" 14.6" - 15.25" 16.2" - 16.85" 20.13" - 20.78"
Series 721	Exhaust Flap Clamp Premium marine-grade stainless steel, worm gear clamp. Provides maximum strength for secure exhaust flapper system connections. 1/2" width.	Hose I.D. 3" 4"	Clamp Range: 3" - 3.375" 4.5" - 5.4375"
Series 502 & 507	Brass Hose Fittings Brass couplings, adapters and ferrules meet SAE standards and specifications. Constructed of premium brass to resist corrosion in marine applications.	Series 502 45° SAE Female Swivel: Hose Thread I.D. Size 1/4" 7/16"- 20" 5/16" 1/2"- 20" 3/8" 5/8"- 18" 1/2" 3/4"- 16" 5/8" 7/8"- 14"	Series 507 Solid Brass Ferrule: Hose I.D. 1/4" 5/16" 3/8" 1/2" 3/4"