



Middle Valley Maple

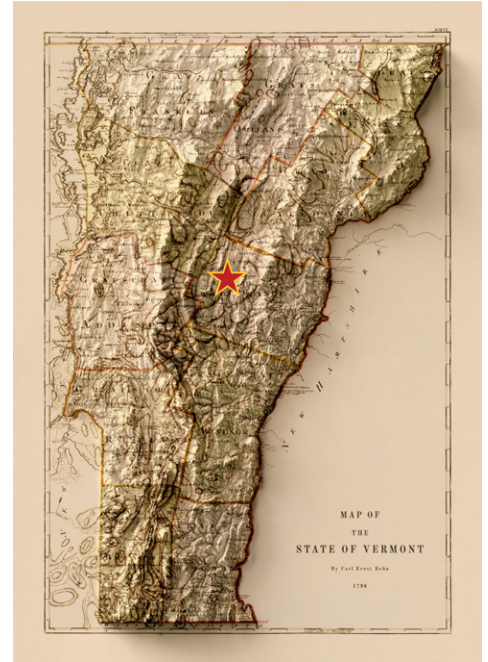
Better fittings, better price!

Williamstown, VT

About Us:

Middle Valley Maple is a subsidiary of Progressive Plastics, Inc. (PPI) located in the green mountains of Williamstown, Vermont. Our parent company was founded in 1989, and has since prominently expanded; increasing its tool making, product design, and proprietary manufacturing capability.

In 2009, we partnered with the University of Vermont's Proctor Maple Research Center to design, prototype, test and manufacture new patented Maple sap fittings. Since then, we have manufactured over 75,000,000 other various high-quality fittings for the maple syrup industry.



With over 34 years of plastic injection molding experience, and passion for the Maple industry, our new subsidiary was born. Together again with University of Vermont's Proctor Maple Research Center, Middle Valley Maple has developed a new line of innovative fittings for the industry. This line will be manufactured and sold from central Vermont. This direct manufacturing and sales will allow for our new line of various fittings to be sold at a lower cost than industry standard.

We're designing, testing & expanding our line constantly!
Check-in with our progress at MiddleValleyMaple.com

Ordering Instructions:

To place an order please call 1 (802) 433-1563
Or email us at Contact@MiddleValleyMaple.com

*** All Fittings are manufactured using FDA approved materials.
Pending Patents: Submitted in the US/Canada**

Middle Valley Maple

5/16th Tube Fittings



5/16" ARC Barb-Spout

The barrel is shorter to tap into the most productive sap region of the trees. The barbs increase the spouts holding capacity. The ARC provides less friction caused by turbulent flow and reduces head pressure loss in vacuum systems.

170-001 Clear PC
170-011 Black Nylon
170-014 White Nylon
\$18.00 / 100ct

* Tinted colors available in
Red, Blue, Yellow



5/16" ARC Smooth-Spout

170-002 Clear PC
170-012 Black Nylon
170-015 White Nylon
\$17.00 / 100ct



5/16" ARC-Tee

No parting lines on the first barbs. Versatile 3-step plug design.

170-003 Black Nylon
\$26.00 / 100ct



5/16" ARC Dead-End Tee

No need for a left & right; this fitting functions on either side: In normal orientation or inverted for tapping below the lateral.

170-013 Red Nylon
\$26.00 / 100ct

5/16" Hooked Straight Connector

Designed with a wider body for easy use with tubing tools. Beveled fitting entrances reduce friction and turbulence.

170-009 Black Nylon
\$19.00 / 100ct



5/16" End Ring

Designed with a wider body ring width for better retention. Side posts provide ease of grip with tubing tools.

170-010 Black Nylon
\$19.00 / 100ct



5/16" End of Line Hook

This new design end hook provides the ability to tighten the line and also take the line down when needed.

170-025 Black Nylon
\$22.00 / 100ct





5/16" Barb Spout Adapter

Both the standard and barb adapter spouts have a raised surface area to prevent damage to inner sealing surface when tapping into tree.

170-004 Clear PC
170-005 Black Nylon
170-017 White Nylon
\$18.00 / 100ct

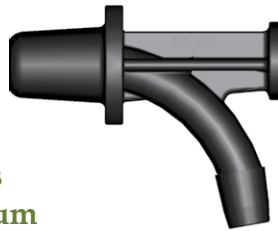
5/16" Standard Spout Adapter



170-006 Clear PC
170-007 Black Nylon
170-018 White Nylon
\$16.00 / 100ct

5/16" ARC Stubby Spout

The ARC provides less friction caused by turbulent flow and reduces head pressure loss in vacuum systems.



170-008 Black Nylon
170-016 White Nylon
\$26.00 / 100ct

5/16" Four Star Tee

These star style mainline entrance fittings allow syrup producers to bring multiple 5/16" lateral tubing lines into a single port in the plastic mainline tubing or black plastic water pipe.



170-020 Black Nylon
\$7.50 / 10ct

5/16" Soft Plug

Plug for 5/16" and 3/16" Arc-Barb spouts.

170-073 Red
\$6.00 / 100ct



5/16" Soft Plug

Plug for 5/16" tubing/droplines and Stubby spout.

170-072 Red
\$6.00 / 100ct

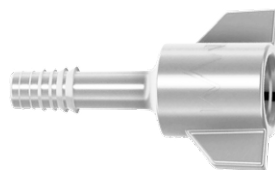


Smaller tap hole (1/4") creates less wounding in the tree and reduces the compartmentalization effect for healthier maples.



5/16" with 1/4" Barrel ARC Barb-Spout

170-021 Clear PC
\$18.00 / 100ct



Barb-Spout Adaptor with 1/4" Barrel

170-074 Clear PC
\$20.00 / 100ct



5/16" with 1/4" Barrel ARC Smooth-Spout

170-022 Clear PC
\$18.00 / 100ct

Middle Valley Maple

3/16" Tube Fittings



3/16" ARC Barb-Spout



3/16" ARC Smooth-Spout

The barrel is shorter to tap into the most productive sap region of the trees. The barbs increase spout holding capacity. The ARC provides less friction caused by turbulent flow and reduces the risk of clogging.

170-036 Clear PC
170-039 Black Nylon
170-040 White Nylon
\$21.00 / 100ct

* Tinted colors available in
Red, Blue, Yellow

170-050 Clear PC
170-051 Black Nylon
170-052 White Nylon
\$20.00 / 100ct



**3/16" ARC
Stubby Spout**

The ARC provides less friction caused by turbulent flow and and reduces the risk of clogging.

170-046 Black Nylon
170-047 White Nylon
\$32.00 / 100ct

**3/16" Hooked
Straight Connector**



Designed with a wider body for easy use with tubing tools. Connector has beveled entrances for reduced friction and turbulence.

170-034 Black Nylon 3/16" to 3/16"
170-035 Black Nylon 5/16" to 3/16"
\$19.00 / 100ct

3/16" End of Line Hook



This new design end hook provides the ability to tighten the line and also take the line down when needed.

170-029 Black Nylon
\$22.00 / 100ct



3/16" ARC-Tee

No parting lines on the first barbs.
Versatile 3-step plug design. Arc dropline connection reduces the risk of clogging.

170-041 Black Nylon: 3/16th Dropline
170-043 Black Nylon: 5/16th Dropline
\$30.00 / 100ct



3/16" ARC Dead-End Tee

No need for a left and right; this fitting functions on either side of the tree! Tee's can function in normal orientation or inverted for tapping below the lateral.

170-044 Red Nylon: 3/16th Dropline
170-053 Red Nylon: 5/16th Dropline
\$30.00 / 100ct



3/16" External Connection Spouts

3/16" External Connection Tee

Tubing press fits and seals into tapered spout entrance and barbed latch locks over to secure in place. This design allows the complete inner diameter of the tubing to be open with no reduction caused internal spout barbs. Greatly increases the flow and significantly reduces the risk of "slime" build up and blockage.

#170-065 Barb Spout: Nylon

170-067 Plug Tee: Nylon



Middle Valley Maple

Antimicrobial Fittings & Droplines

Middle Valley Maple antimicrobial fittings safeguard against microbes and combat bacteria/fungal microbial growth that develops during the sugaring process over time. This allows for improved sap yield performance, especially when tapping early or when fittings are reused for additional seasons. These antimicrobial fittings are manufactured with a silver based antimicrobial additive that is the first in the industry to be approved by for organic certification.

Vermont Organic Farmers, VOF, NOFA and Baystate, reviewed the materials used for the manufacturing and found them to be in compliance with the USDA National Organic Program. The antimicrobial contains no chemical fungicides or antibacterial ingredients prohibited in the NOP.

36" Pre-Cut Antimicrobial Droplines

Droplines are a medium flex for easy install on spouts and tee's. Manufactured with BPA free, UV protected, FDA approved material.

170-031 Transparent Green
\$75.00 / 100ct



5/16" Antimicrobial
ARC Barb-Spout



5/16" Antimicrobial
ARC Smooth-Spout

The barrel is shorter to tap into the most productive sap region of the trees. The barbs increase the spouts holding capacity. The ARC provides less friction caused by turbulent flow and reduces pressure head loss in vacuum systems.

170-019 Transparent Green PC
170-030 Green Nylon
\$24.00 / 100ct

170-026 Transparent Green PC
170-083 Green Nylon
\$22.00 / 100ct



Antimicrobial
Barb Spout Adapter



5/16" Antimicrobial
ARC Stubby Spout



Antimicrobial Standard
Spout Adapter

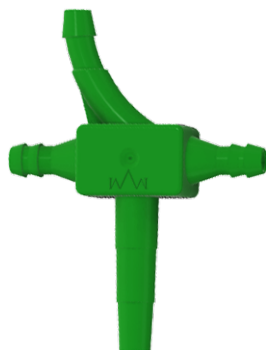
170-048 Transparent Green PC
170-024 Green Nylon
\$24.00 / 100ct

170-027 Green Nylon
\$30.00 / 100ct

170-056 Transparent Green PC
170-057 Green Nylon
\$22.00 / 100ct

5/16" Antimicrobial ARC-Tee

170-032 Green Nylon
\$32.00 / 100ct

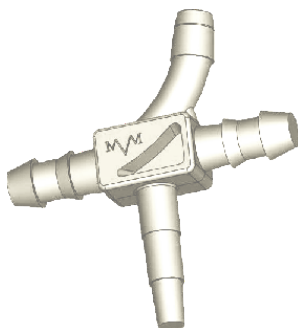


3/16" Antimicrobial ARC-Tee

170-042 Green: 3/16" Dropline Connection
170-060 Green: 5/16" Dropline Connection
\$35.00 / 100ct

5/16" Antimicrobial Dead-End Tee

170-070 Natural Nylon
\$32.00 / 100ct



3/16" Antimicrobial Dead-End Tee

170-058 Natural: 3/16" Dropline Connection
170-059 Natural: 5/16" Dropline Connection
\$35.00 / 100ct



5/16" Antimicrobial ARC Barb-Spout with 1/4" Barrel

170-068 Transparent Green PC
170-071 Green Nylon
\$24.00 / 100ct

Antimicrobial Barb-Spout Adapter with 1/4" Barrel

170-082 Transparent Green PC
\$24.00 / 100ct



5/16" Antimicrobial ARC Smooth-Spout with 1/4" Barrel

170-069 Transparent Green PC
170-084 Green Nylon
\$22.00 / 100ct



3/16" Antimicrobial ARC Barb-Spout

170-037 Transparent Green PC
170-038 Green Nylon
\$26.00 / 100ct



3/16" Antimicrobial ARC Smooth-Spout

170-054 Transparent Green PC
170-055 Green Nylon
\$25.00 / 100ct



3/16" Antimicrobial ARC Stubby Spout

170-045 Green Nylon
\$35.00 / 100ct



Middle Valley Maple

109 Industry St. Williamstown, VT 05679

Visit us online at: www.MiddleValleyMaple.com

Email us at: Contact@MiddleValleyMaple.com

Phone: 1 (802) 433-1563

High Precision Hardened Steel Tapping Bit

Introducing the ultimate tapping bits engineered for serious sugar makers. Designed by a veteran Vermont sugar maker who runs a premier machine shop, these bits are built to solve your toughest tapping challenges.

Crafted for prolonged usage, they deliver superb hole clearing to keep your operation running smoothly all season long. To ensure unmatched quality, they are manufactured by Rocky Mountain Twist in Montana, featuring advanced heat-treating and tempering for optimum performance.



170-077 5/16" Tapping Bit
\$18.00 / Each

170-079 1/4" Tapping Bit
\$18.00 / Each

170-078 5/16" Tapping Bit
\$48.00 / 3 Pack with Case

170-080 1/4" Tapping Bit
\$48.00 / 3 Pack with Case





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Phone: 1 (802) 433-1563

Ducharme MVM Pro-Tapper



170-081
\$450.00 / Each

Ducharme Pro-tappers are available in 5/16" (fits 19/64) and 1/4". Includes our MVM precision hardened steel tapping bit with Allen wrench for quick bit changes.

Compatible with any cordless drill with 1/2" chuck. Housing is machined from durable Delrin plastic.

Made in Vermont

Precision drilling and tapping guide creates a straighter, more consistent tap hole while simplifying spile installation. Whether you're tapping a handful of backyard trees or maintaining a larger sugar bush, this helps improve consistency from tree to tree.

The compact light weight unit makes it easy to carry while moving from tree to tree throughout the tapping season.

Designed and manufactured by a sugar maker who owns and operates a high-end machine shop here in Vermont.

Features:

- ✿ Helps guide the drill for straighter tap holes
- ✿ Promotes consistent tapping depth and alignment
- ✿ Simplifies spile installation
- ✿ Durable Delrin construction
- ✿ Compact and lightweight for easy carry
- ✿ Developed and field tested in real maple production
- ✿ Compatible with any manufactures tapping bit

