

APACHE - HOSE - AND - BELTING

FLUID CONTROL and CONNECTION PRODUCTS



PUSH-IN TUBING AND
FITTINGS FOR THE
INDUSTRIAL,
AGRICULTURAL,
MANUFACTURING,
CHEMICAL,
WATER, AIR, AND
FOOD INDUSTRIES.



Apache
HOSE & BELTING CO., INC.

Employee Owned/Customer Driven

www.apachehb.com

PUSH-IN FITTINGS, VALVES, TUBING, and ACCESSORIES

LINEAR LOW DENSITY POLYETHYLENE TUBING

Has a superior environmental stress crack resistance that greatly exceeds ordinary polyethylene tubing as measured by ASTM D 1963/IGEPAL test. Environmental stresses that can shorten the service life of tubing include chemical exposure, aging, connections to barb type fittings, or high vibration connections with compression fittings. This tubing is compliant to NFS 51 and FDS requirements for food contact applications.

BENEFITS: Dimensional Stability • Uniformity and Long Term Strength • Higher Burst Strength • Greater Tensile Strength

Low Linear Density Black Polyethylene Tubing

| Apache Part # | Color | Tube O.D. | Tube I.D. | Wall | PSI @75°F | Tube Tolerance | Temp Range | Std. Lengths |
|---------------|-------|-----------|-----------|-------|-----------|----------------|-------------|--------------|
| 15018882 | Black | 1/4" | 0.170 | 0.040 | 250 PSI | +/- 0.05 mm | -20°F-150°F | 100' roll |
| 15018883 | Black | 1/4" | 0.170 | 0.040 | 250 PSI | +/- 0.05 mm | -20°F-150°F | 500' reel |
| 15018884 | Black | 1/4" | 0.170 | 0.040 | 250 PSI | +/- 0.05 mm | -20°F-150°F | 1000' reel |
| 15018885 | Black | 5/16" | 0.187 | 0.062 | 170 PSI | +/- 0.05 mm | -20°F-150°F | 100' roll |
| 15018886 | Black | 5/16" | 0.187 | 0.062 | 170 PSI | +/- 0.05 mm | -20°F-150°F | 500' reel |
| 15018887 | Black | 3/8" | 1/4" | 0.062 | 170 PSI | +/- 0.05 mm | -20°F-150°F | 100' roll |
| 15018889 | Black | 3/8" | 1/4" | 0.062 | 170 PSI | +/- 0.05 mm | -20°F-150°F | 500' reel |
| 15018893 | Black | 1/2" | 3/8" | 0.062 | 170 PSI | +/- 0.05 mm | -20°F-150°F | 100' roll |
| 15018894 | Black | 1/2" | 3/8" | 0.062 | 170 PSI | +/- 0.05 mm | -20°F-150°F | 250' reel |

POLYETHYLENE TUBING CAN BE SPECIAL ORDERED IN THE FOLLOWING COLORS: BLUE, ORANGE, YELLOW, WHITE, NATURAL, RED, GREY, AND GREEN. CONTACT US FOR PRICING, AVAILABILITY AND PART NUMBERS.

PUSH-IN FITTINGS AND VALVES

CONTACT APACHE FOR SPECIAL SIZES OR CONFIGURATIONS

- Material - Acetal Copolymer
- Designed for a wide range of applications
- For fast connection and disconnection without tools
- Push-in fittings sold in packages of 10 per bag

MC - Male Connector



| Apache Part # | Tube O.D. | NPTF Thread |
|---------------|-----------|-------------|
| 44103220 | 1/4" | 1/8" |
| 44103206 | 1/4" | 1/4" |
| 44103221 | 1/4" | 3/8" |
| 44103222 | 5/16" | 1/4" |
| 44103223 | 5/16" | 3/8" |
| 44103224 | 3/8" | 1/4" |
| 44103207 | 3/8" | 3/8" |
| 44103225 | 3/8" | 1/2" |
| 44103226 | 1/2" | 3/8" |
| 44103227 | 1/2" | 1/2" |

EU - Elbow Union



| Apache Part # | Tube O.D. | Tube O.D. |
|---------------|-----------|-----------|
| 44103200 | 1/4" | 1/4" |
| 44103234 | 5/16" | 1/4" |
| 44103235 | 5/16" | 5/16" |
| 44103236 | 3/8" | 1/4" |
| 44103201 | 3/8" | 3/8" |
| 44103237 | 1/2" | 3/8" |
| 44103238 | 1/2" | 1/2" |

TC - Tube Cutter / Replacement Blades



| Apache Part # | Max. Tube O.D. |
|---------------|----------------|
| 44103218 | 1/2" |
| 44103219 | Blades |
| | 5 pk |

Precision cutter makes quick, clean and square cuts on all plastic tubing materials up to 1/2" O.D.

ME - Male Elbow



| Apache Part # | Tube O.D. | NPTF Thread |
|---------------|-----------|-------------|
| 44103210 | 1/4" | 1/8" |
| 44103211 | 1/4" | 1/4" |
| 44103295 | 1/4" | 3/8" |
| 44103228 | 5/16" | 1/4" |
| 44103229 | 5/16" | 3/8" |
| 44103230 | 3/8" | 1/4" |
| 44103231 | 3/8" | 3/8" |
| 44103232 | 1/2" | 3/8" |
| 44103233 | 1/2" | 1/2" |

TU - Tee Union



| Apache Part # | Tube O.D. Run | Tube O.D. Stem |
|---------------|---------------|----------------|
| 44103208 | 1/4" | 1/4" |
| 44103245 | 5/16" | 5/16" |
| 44103246 | 3/8" | 1/4" |
| 44103209 | 3/8" | 3/8" |
| 44103247 | 1/2" | 3/8" |
| 44103248 | 1/2" | 1/2" |

SA - Stem Adapter



| Apache Part # | Stem O.D. | NPTF Thread |
|---------------|-----------|-------------|
| 44103204 | 1/4" | 1/8" |
| 44103212 | 1/4" | 1/4" |
| 44103213 | 5/16" | 1/4" |
| 44103214 | 5/16" | 3/8" |
| 44103215 | 3/8" | 1/4" |
| 44103205 | 3/8" | 3/8" |
| 44103216 | 1/2" | 3/8" |
| 44103217 | 1/2" | 1/2" |

TEB - Tube Elbow Barb Connector



| Apache Part # | Stem O.D. | Tube I.D. |
|---------------|-----------|-----------|
| 44103249 | 1/4" | 1/4" |
| 44103250 | 1/4" | 5/16" |
| 44103251 | 5/16" | 1/4" |
| 44103252 | 5/16" | 5/16" |
| 44103253 | 3/8" | 1/4" |
| 44103254 | 3/8" | 5/16" |

TBC - Tube Barb Connector



| Apache Part # | Stem O.D. | Tube I.D. |
|---------------|-----------|-----------|
| 44103255 | 1/4" | 1/4" |
| 44103256 | 1/4" | 5/16" |
| 44103257 | 5/16" | 1/4" |
| 44103258 | 5/16" | 5/16" |
| 44103259 | 5/16" | 3/8" |
| 44103260 | 3/8" | 1/4" |
| 44103261 | 3/8" | 3/8" |
| 44103262 | 3/8" | 1/2" |
| 44103263 | 1/2" | 3/8" |
| 44103264 | 1/2" | 1/2" |

FA - Female Adapter



| Apache Part # | Tube O.D. | NPTF Thread |
|---------------|-----------|-------------|
| 44103239 | 1/4" | 1/8" |
| 44103240 | 1/4" | 1/4" |
| 44103241 | 5/16" | 1/8" |
| 44103242 | 5/16" | 1/4" |
| 44103243 | 3/8" | 1/8" |
| 44103244 | 3/8" | 1/4" |

TWD - Two Way Divider



| Apache Part # | Tube In | Tube Out |
|---------------|---------|----------|
| 44103276 | 1/4" | 1/4" |
| 44103277 | 5/16" | 5/16" |
| 44103279 | 3/8" | 3/8" |
| 44103281 | 1/2" | 1/2" |

CR - Cross



| Apache Part # | Tube O.D. |
|---------------|-----------|
| 44103272 | 1/4" |
| 44103273 | 5/16" |
| 44103274 | 3/8" |
| 44103275 | 1/2" |

UC - Union Connector



| Apache Part # | Tube O.D. | Tube O.D. |
|---------------|-----------|-----------|
| 44103202 | 1/4" | 1/4" |
| 44103265 | 5/16" | 1/4" |
| 44103266 | 5/16" | 5/16" |
| 44103267 | 3/8" | 1/4" |
| 44103268 | 3/8" | 5/16" |
| 44103203 | 3/8" | 3/8" |
| 44103270 | 1/2" | 3/8" |
| 44103271 | 1/2" | 1/2" |

TES - Tube End Stop



| Apache Part # | Tube O.D. |
|---------------|-----------|
| 44103282 | 1/4" |
| 44103283 | 5/16" |
| 44103284 | 3/8" |
| 44103285 | 1/2" |

CUC - Control Valve Union Connector



| Apache Part # | Tube O.D. | Tube O.D. |
|---------------|-----------|-----------|
| 44103286 | 1/4" | 1/4" |
| 44103287 | 3/8" | 3/8" |

The collar on adjustable valve stem locks the flow control.

HUC - Hand Valve Union Connector



| Apache Part # | Tube O.D. | Tube O.D. |
|---------------|-----------|-----------|
| 44103288 | 1/4" | 1/4" |
| 44103289 | 3/8" | 3/8" |
| 44103290 | 1/2" | 1/2" |

Allows for partial flow control.

CHV - Check Valve



| Apache Part # | Tube O.D. | Tube O.D. |
|---------------|-----------|-----------|
| 44103291 | 1/4" | 1/4" |
| 44103292 | 5/16" | 5/16" |
| 44103293 | 3/8" | 3/8" |
| 44103294 | 1/2" | 1/2" |

This valve prevents reverse flow.

INSTALLATION INSTRUCTIONS

REUSABLE TUBING AND FITTINGS:

1. When cutting the tubing make sure the ends are cut squarely. The outer surface of the tube should be clean, smooth, and free of scratches.
2. Make sure the tubing is fully inserted (even though it may feel blocked) all the way to the tube stop.
3. To insure the tube and fitting are fully connected, pull on the tubing to verify that the tubing and fitting are locked.
4. The stainless steel teeth on the collet prevent the tube from separating from the o-ring and ensures a leak-free seal.

SEPARATING REUSABLE TUBING AND FITTINGS:

1. To remove the tube from the fitting, push the collet in and hold it, then pull the tubing out.

ISO 9002 CERTIFIED
CEDAR RAPIDS, IA

CORPORATE HEADQUARTERS

CEDAR RAPIDS, IA

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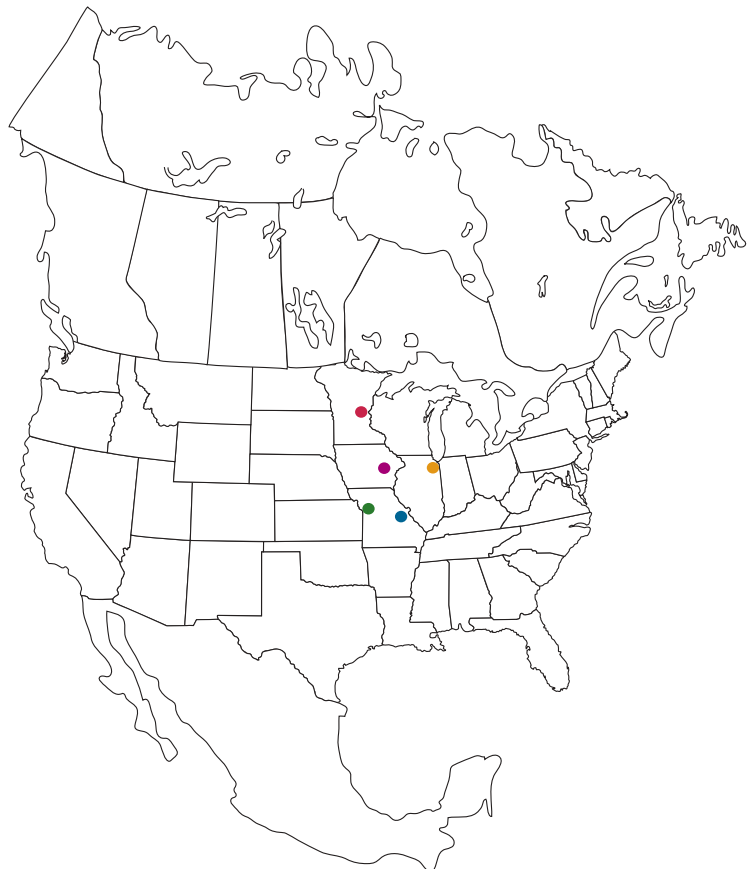
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Our expert customer service personnel are available toll free to help recommend belt, belt fabrications, hose, and hose assemblies for your particular requirements. We represent a wide variety of vendors specializing in manufacturing quality goods, whether it be belting or hose. Call us and let us work for you.



Website: www.apachehb.com