



OVERVIEW

Acrolene XP™ is a plasticizer-free polyethylene based tubing that offers the same chemical resistance as standard polyethylene, but unlike standard polyethylene, Acrolene XP™ is extremely flexible and easy to work with.

Acrolene XP™ is the ideal solution for numerous of applications. Please read on to learn more.

ACROLENE XP BASICS

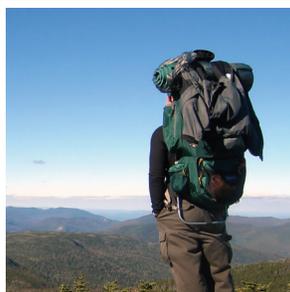
Acrolene^{XP}TM

Tubing Technology by KENT Systems

We designed Acrolene XP™ tubing as an affordable polyethylene tubing, with advanced performance capabilities. The primary advantages of Acrolene XP™ are:

- Highly Flexible
- Affordable
- Works great with barb fittings
- High chemical resistance
- Wide temperature range

APPLICATIONS



Ideal applications for our fittings include:

- Water Management Systems
- Breweries
- Home Brewing
- Ink Applications
- Many Other Applications

Technical Data

TEST	RESULT	METHOD
Hardness	75 Durometer	Shore A
Flexural Modulus 2% Secant (Compression Molded)	2770 PSI	ASTM D790
Melt Temperature	215 ° F	

Note: Results may vary

TUBE SIZES

	ID	OD
	1/16"	1/18"
	3/32"	5/32"
	1/18"	1/4"
	5/32"	1/4"
	3/16"	5/16"
	1/4"	3/8"
	5/16"	7/16"
	3/8"	1/2"
	1/2"	5/8"

TUBE SIZES (METRIC)

	ID	OD
	6.35 mm	3.17 mm
	2.38 mm	3.96 mm
	3.17 mm	6.35 mm
	3.96 mm	6.35 mm
	4.76 mm	7.93 mm
	6.35 mm	9.52 mm
	7.93 mm	11.11 mm
	9.52 mm	12.70 mm
	12.70 mm	15.87 mm

BEND RADIUS

	ID	BEND RADIUS
	1/16"	0.35"
	3/32"	0.45"
	1/18"	0.85"
	5/32"	0.90"
	3/16"	1.00"
	1/4"	1.25"
	5/16"	1.75"
	3/8"	2.25"
	1/2"	2.75"

MORE INFORMATION



KentSystems.com/Acrolene_XP_QR.php

Discover more about KENT Systems Tubing online.

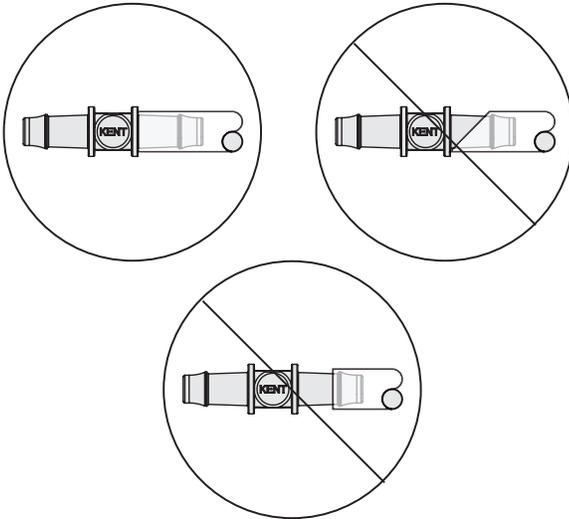
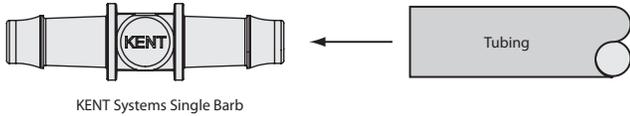
Simply scan this QR Code to be directed to the Tubing section of our website.

Data charges may apply. See your cell phone provider for details.



TUBE ASSEMBLY

When cutting your tubing, make a clean cut perpendicular to the tube.
 Push the tube over the barb and all the way to the barb stop.



Tube clamps should not be necessary if using quality tubing at reasonable pressures.

Options and features apply to all KENT Systems fittings.

Please contact KENT Systems for *Free Samples* to use in your testing

Design Features

- Polyethylene Based Material
 - Great chemical compatibility
 - Large temperature window
- Smooth Finish
 - Reduces sticking
 - Improved clarity
- Great Flexibility
 - Allows for tight bends without kinking
- Wide Range Of Sizes
 - From 1/16" ID to 1/2" ID

