

Tube Fitting Snapshot

In order to get the best results from your applications, it is good to understand what options you have with our tube fittings.

Please Contact us to receive *Free Samples* for your testing.

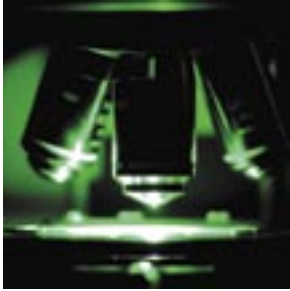
FITTING BASICS



Tube Fittings are the newest KENT Systems product line. Compared to other fittings on the market, it is a more ergonomic design that is ideal for numerous applications. Features include:

- Single Barb
- Clean Design
- Smooth Gate Design

APPLICATIONS



Ideal applications for Fittings include:

- Fuel management systems
- Ink dispensing
- Lab chemicals
- Hydroponics
- Air lines
- Water lines
- Computer cooling
- Many Other Applications

COLOR AND MATERIAL OPTIONS FOR FITTINGS



-N01 (White Nylon)



-N02 (Black Nylon)



-P00 (Natural Polypropylene)

The color and material code is determined by the last three digits of the KENT Systems part number.

TUBE UNIONS

Equal Size Tube Unions



TUBE SIZES

1/16" ID Tubing
3/32" ID Tubing
1/18" ID Tubing
5/32" ID Tubing
3/16" ID Tubing
1/4" ID Tubing
5/16" ID Tubing

ELBOWS

Equal Size Elbows



TUBE SIZES

1/16" ID Tubing
3/32" ID Tubing
1/18" ID Tubing
5/32" ID Tubing
3/16" ID Tubing
1/4" ID Tubing
5/16" ID Tubing

TEES

Equal Size Tees



TUBE SIZES

1/16" ID Tubing
3/32" ID Tubing
1/18" ID Tubing
5/32" ID Tubing
3/16" ID Tubing
1/4" ID Tubing
5/16" ID Tubing

Ten Percent Guarantee

At KENT Systems, we understand that times are hard for people. Companies and individuals alike are looking to cut costs where they can. For this reason, we are introducing our 10% Price Guarantee. If you find a better price on a similar product,* we will beat that price by 10%. At KENT Systems, you always get a quality product for a fair price.



This policy guarantees that you are getting the best price while saving valuable time and money. All you have to do is present us written prices* on the competing products, and we will process your discount.

*For more information visit www.KentSystems.com

Tube Fitting Specifications

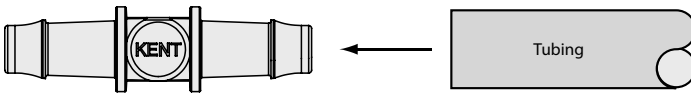
Overview Specifications

TEST	SPECIFICATION
Pressure Rating	-14.7 PSI thru 125 PSI
Temperature Rating	-50°F thru 150°F
Connection Cycles	1 Time Use

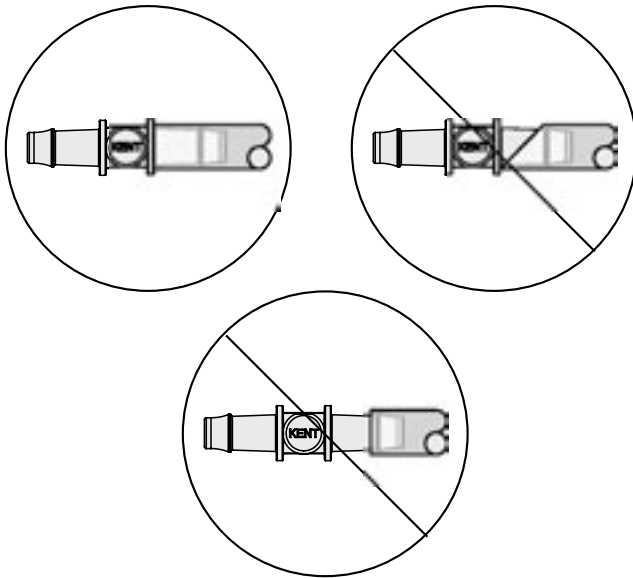
BARB SIZE	TUBE ID	BARB OD	BORE ID	TUBE ID RANGE
04	1/16" (1.5 mm)	.102"	.060"	.063" - .078"
06	3/32" (2.25 mm)	.129"	.076"	.078" - .109"
08	1/8" (3.0 mm)	.164"	.096"	.094" - .141"
10	5/32" (4.0 mm)	.208"	.122"	.125" - .188"
12	3/16" (4.75 mm)	.264"	.155"	.156" - .234"
16	1/4" (6.25 mm)	.335"	.197"	.188" - .297"
20	5/16" (8.0 mm)	.425"	.250"	.250" - .375"

Note: Tubing can vary greatly in size and tolerance.

Tube Assembly



KENT Systems Single Barb



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

Tube Union shown, options and features apply to all tube KENT Systems fittings.

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

Design Features

Single Barb Design

- No parting line on barb helps prevent leak paths
- Requires no tube clamps

Body Design

- A simple body design results in a lower cost product

Smooth Gates

- Reduces Costs
- Reduces vestige which can tear medical gloves

Low Gate Height

- We placed the gate low on the product profile to reduce the possibility of snagging

Barb Stops

- Designed to line up the the OD of the tube.
- Reduces tube snagging that can happen

Materials

- Toughened Nylon
 - ◆ Uses less material
 - ◆ Keeps product price low
 - ◆ Tougher than Typical Nylon
- Class VI Polypropylene
 - ◆ Uses less material
 - ◆ Keeps product price low
 - ◆ Chemically resistant

