



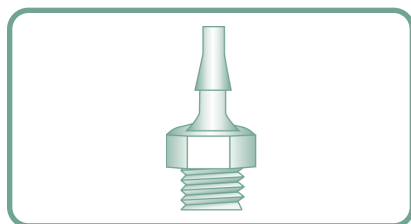
# Miniature Nylon Tube Fittings

## BARBED ADAPTERS—STRAIGHT



The sharp barb makes a leak-proof seal. Just push on polyurethane, PE, PVC or other soft tubing with end cut straight. (Withstands 75-125 psi depending on tubing.)

Clamp may not be required for low pressure applications.



### NOTES:

MPT – Male taper pipe thread  
FPT – Female taper pipe thread

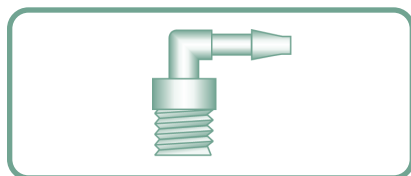
### Temperature Ratings

Nylon: -40° to +100°C  
Polypropylene: -20° to +100°C

Part No.		Tube ID	Thread
Nylon	Polypropylene		
MIF 01	MIF 01 PP	1/16	10/32 UNF
MIF 11	MIF 11 PP	3/32	
MIF 21	MIF 21 PP	1/8	
MIF 225	MIF 225 PP	1/8	1/4-28 UNF
MIF 425	MIF 425 PP	1/4	
MIF 02	MIF 02 PP	1/16	1/8 MPT
MIF 12	MIF 12 PP	3/32	
MIF 22	MIF 22 PP	1/8	
MIF 532	MIF 532 PP	5/32	
MIF 32	MIF 32 PP	3/16	
MIF 42	MIF 42 PP	1/4	
MIF 62	MIF 62 PP	3/8	
MIF 62	MIF 62 PP	3/8	
MFF 22	MFF 22 PP	1/8	1/8 FPT
MFF 24	MFF 24 PP		1/4 FPT
MIF 04	MIF 04 PP	1/16	1/4 MPT
MIF 24	MIF 24 PP	1/8	
MIF 34	MIF 34 PP	3/16	
MIF 44	MIF 44 PP	1/4	
MIF 68	MIF 68 PP	3/8	1/2
MIF 88	MIF 88 PP	1/2	

Minimum order 50.

## BARBED ADAPTERS—ELBOW



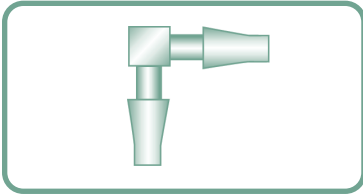
Part No.		Tube ID	Thread
Nylon	Polypropylene		
MIE 01	MIE 01 PP	1/16	10/32 UNF
MIE 21	MIE 21 PP	1/8	
MIE 22	MIE 22 PP	1/8	1/8 MPT
MIE 32	MIE 32 PP	3/16	
MIE 42	MIE 42 PP	1/4	
MEF 32	MEF 32 PP	3/16	1/8 FPT
MEF 42	MEF 42 PP	1/4	

Minimum order 50.



# Miniature Nylon Tube Fittings CONTINUED

## ELBOWS—BARBED



### Regular

Part No.		Tube ID
Nylon	PP	
MIL 0	MIL 0 PP	1/16
MIL 1	MIL 1 PP	3/32
MIL 2	MIL 2 PP	1/8
MIL 3	MIL 3 PP	3/16
MIL 4	MIL 4 PP	1/4
MIL 6	MIL 6 PP	3/8
MIL 8	MIL 8 PP	1/2

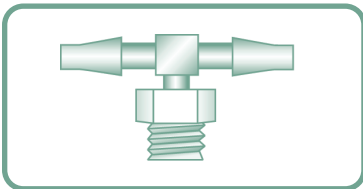
Minimum order 50.

### Reducing

Part No.		Tube to Tube
Nylon	PP	
MIL 01	MIL 01 PP	1/16 - 3/32
MIL 02	MIL 02 PP	1/16 - 1/8
MIL 23	MIL 23 PP	1/8 - 3/16
MIL 35	MIL 35 PP	3/16 - 5/32

Minimum order 50.

## TEES—ADAPTER

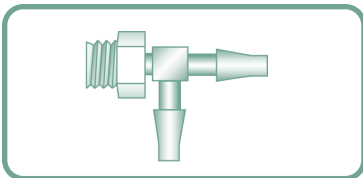


### Part No.

Nylon	Polypropylene	Tube ID	Thread
MAT 21	MAT 21 PP	1/8	10/32 UNF
MAT 02	MAT 02 PP	1/16	
MAT 42	MAT 42 PP	1/4	1/8 MPT
MAT 22	MAT 22 PP	1/8	

Minimum order 50.

## TEES—RUN

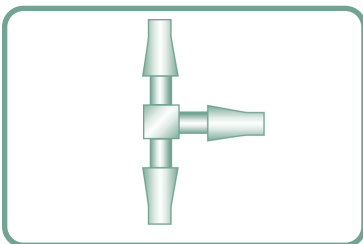


### Part No.

Nylon	Polypropylene	Tube ID	Thread
MRT 32	MRT 32 PP	3/16	1/8 MPT

Minimum order 50.

## TEES—BARBED



### Part No.

Nylon	Polypropylene	Tube ID
MIT 0	MIT 0 PP	1/16
MIT 1	MIT 1 PP	3/32
MIT 2	MIT 2 PP	1/8
MIT 53	MIT 53 PP	5/32
MIT 3	MIT 3 PP	3/16
MIT 4	MIT 4 PP	1/4
MIT 6	MIT 6 PP	3/8
MIT 8	MIT 8 PP	1/2

Minimum order 50.

#### NOTES:

MPT – Male taper pipe thread

#### Temperature Ratings

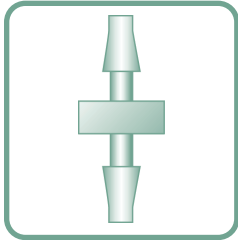
Nylon: -40° to +100°C

Polypropylene: -20° to +100°C



# Miniature Nylon Tube Fittings CONTINUED

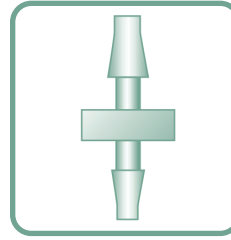
## CONNECTORS—BARBED



Part No.	Tube ID
<b>MIC 00</b>	1/16
<b>MIC 11</b>	3/32
<b>MIC 22</b>	1/8
<b>MIC 33</b>	3/16
<b>MIC 44</b>	1/4
<b>MIC 66</b>	3/8
<b>MIC 88</b>	1/2

Minimum order 50.

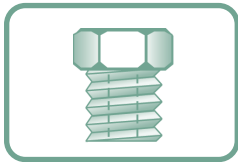
## BARBED CONNECTORS—REDUCING



Part No.	Tube ID
<b>MIC 01</b>	3/32 to 1/16
<b>MIC 02</b>	1/8 to 1/16
<b>MIC 12</b>	1/8 to 3/32
<b>MIC 32</b>	3/16 to 1/8
<b>MIC 453</b>	1/4 to 5/32
<b>MIC 43</b>	1/4 to 3/16
<b>MIC 62</b>	3/8 to 1/8
<b>MIC 64</b>	3/8 to 1/4

Minimum order 50.

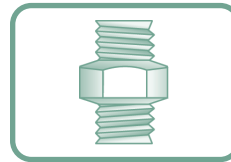
## THREAD REDUCERS



Part No.	Thread
<b>MIR 21</b>	1/8 MPT to 10/32 UNF
<b>MIR 225</b>	1/8 MPT to 1/4-28 UNF
<b>MIR 41</b>	1/4 MPT to 10/32 UNF
<b>MIR 425</b>	1/4 MPT to 1/4-28 UNF
<b>MIR 42</b>	1/4 MPT to 1/8-27 FPT

Minimum order 50.

## NIPPLE



Part No.	Thread
<b>MIN 11</b>	10/32 UNF
<b>MIN 22</b>	1/8 MPT
<b>MIN 44</b>	1/4 MPT

Minimum order 50.

## PLUGS



Part No.	Thread
<b>MIP 1</b>	10/32 UNF
<b>MIP 2</b>	1/8 MPT
<b>MIP 4</b>	1/4 FPT

Minimum order 50.

### NOTES:

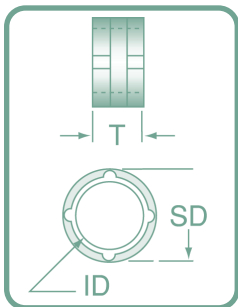
**MPT**—Male taper pipe thread

### Temperature Ratings

**Nylon:** -40° to +100°C

**Polypropylene:** -20° to +100°C

## LOCKING SLEEVES



Locking sleeves enable barbed fittings to be used at up to 100% of the rated burst pressure of the flexible plastic tubing. To use, simply slide appropriate

sleeve over suggested OD tubing, insert miniature barbed fitting into tubing, slide sleeve back over barb. Soft tubing locks onto the self-sealing barb.

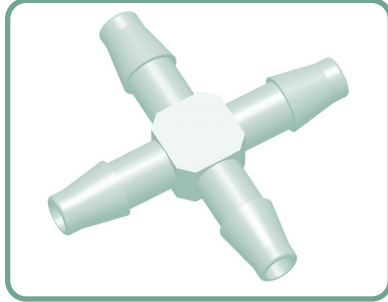
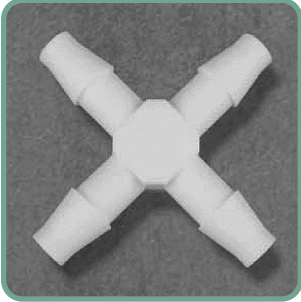
Part No.	Tube OD	SD	T	ID
<b>LS 125</b>	1/8	.310	.245	.147
<b>LS 156</b>	5/32	.375	.281	.176
<b>LS 187</b>	3/16	.400	.300	.215
<b>LS 250</b>	1/4	.435	.315	.260
<b>LS 375</b>	3/8	.625	.375	.425

Minimum order 1000.



## Miniature Tube/Hose Fittings

### BARBED CROSS CONNECTORS



Stocked in nylon and polypropylene, this 1/4" barbed cross fitting features 4 self-sealing barbs placed at 90° increments from an easy-to-grip, square base and will fit tubing with an ID of 1/4". Self-sealing sharp barbs are tested to hold up to 125 P.S.I. without the use of ties or clamps.

This fitting is also available in black heat-stabilized nylon, HDPE, LDPE, polycarbonate, Kynar and acetal if quantities are sufficient.



## Polypropylene Tube Fittings

Cords offers a full line of polypropylene tube fittings including tube to tube, tube to male and tube to female pipes. They come as union connectors, bulkhead, elbow and tee unions, etc.

Sizes range from 1/4" to 5/8" nominal tube OD and from 1/8 to 3/4 NPT for either male or female pipe. Please call for further information.