



## Barb-to-Male Adapter

混合接头

Barb-to-Male adapters have 6mm short thread and 11mm long thread for option. Short thread is for short female receiving port while long thread is for long female receiving port.

These adapters make it easy to connect flexible tubing to any standard M8, M10, 1/4"-28 flat-bottom coned receiving port. Simply thread the adapter into a receiving port and slip flexible tubing over the barbed stem to create a reliable low pressure connection.

### Model No.

**WZ - 016**

Model No.

Tubing ID

016 - 1.0~1.6mm  
024 - 1.6~2.4mm  
032 - 2.4~3.2mm  
040 - 3.2~4.0mm  
048 - 4.0~4.8mm  
064 - 4.8~6.4mm  
087 - 6.4~8.7mm

**L - PP**

Thread Length

L - long thread  
/ - short thread

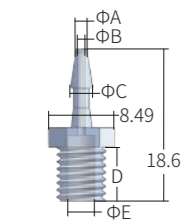
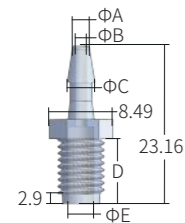
Material

P - PP  
E - PTFE

WZ-040L-PTFE

barb-to-male adapter made of long thread 10.5mm and PTFE material, suit for flexible tubing ID3.2-4.0mm

### Specification (unit: mm)



| Model No.    | Tubing ID | Male Thread | Material | ΦA   | ΦB   | ΦC    | D (Thread Length) | ΦE   |
|--------------|-----------|-------------|----------|------|------|-------|-------------------|------|
| WZ-016L-PP   | 1.0~1.6   | 1/4-28UNF   | PP       | 1.60 | 0.99 | 2.90  | 10.5              | 3.05 |
| WZ-024L-PP   | 1.6~2.4   | 1/4-28UNF   | PP       | 2.40 | 1.57 | 3.80  | 10.5              | 3.05 |
| WZ-032L-PP   | 2.4~3.2   | 1/4-28UNF   | PP       | 3.20 | 2.55 | 4.50  | 10.5              | 3.05 |
| WZ-040L-PP   | 3.2~4.0   | 1/4-28UNF   | PP       | 4.20 | 3.68 | 6.00  | 10.5              | 3.05 |
| WZ-048L-PP   | 4.0~4.8   | 1/4-28UNF   | PP       | 4.80 | 4.10 | 6.80  | 10.5              | 3.05 |
| WZ-016L-PTFE | 1.0~1.6   | 1/4-28UNF   | PTFE     | 1.60 | 0.99 | 2.90  | 10.5              | 3.05 |
| WZ-024L-PTFE | 1.6~2.4   | 1/4-28UNF   | PTFE     | 2.40 | 1.57 | 3.80  | 10.5              | 3.05 |
| WZ-032L-PTFE | 2.4~3.2   | 1/4-28UNF   | PTFE     | 3.20 | 2.55 | 4.50  | 10.5              | 3.05 |
| WZ-040L-PTFE | 3.2~4.0   | 1/4-28UNF   | PTFE     | 4.20 | 3.68 | 6.00  | 10.5              | 3.05 |
| WZ-048L-PTFE | 4.0~4.8   | 1/4-28UNF   | PTFE     | 4.80 | 4.10 | 6.80  | 10.5              | 3.05 |
| WZ-016-PP    | 1.0~1.6   | 1/4-28UNF   | PP       | 1.60 | 0.99 | 2.90  | 6                 | 4.00 |
| WZ-024-PP    | 1.6~2.4   | 1/4-28UNF   | PP       | 2.40 | 1.57 | 3.80  | 6                 | 4.00 |
| WZ-032-PP    | 2.4~3.2   | 1/4-28UNF   | PP       | 3.20 | 2.36 | 4.50  | 6                 | 4.00 |
| M8-064-PP    | 4.8~6.4   | M8          | PP       | 6.40 | 5.42 | 8.40  | 8                 | 6.00 |
| M10-087-PP   | 6.4~8.7   | M10         | PP       | 8.70 | 7.39 | 10.70 | 10                | 7.88 |



## Barbed Union

软管接头

- Used to connect peristaltic-type flexible tubing, low pressure applications of peristaltic pumps
- Medical grade polypropylene, not autoclavable due to low melt point of PP
- Can be sterilized via gamma radiation
- The raw materials, processing technique and mould quality together make the adapter to be a qualified product

### Model No.

**DI - 016**

Model No.  
DI - Equal Union  
BI - Reducing Union

Tubing ID  
016 - 1.0~1.6mm 048 - 4.0~4.8mm  
024 - 1.6~2.4mm 064 - 4.8~6.4mm  
032 - 2.4~3.2mm 087 - 6.4~8.7mm  
040 - 3.2~4.0mm

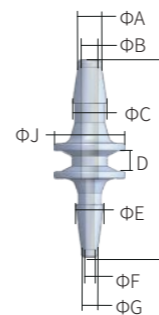
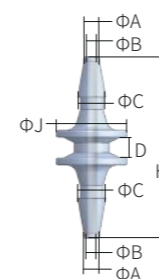
DI-024

Barbed Union suit for tubing ID1.6-2.4mm

BI-024/040

Reducer Union suit for tubing ID1.6-2.4mm to ID3.2-4.0mm

### Specification (unit: mm)



| Model No.  | Tubing ID             | Material | ΦA   | ΦB   | ΦC    | D   | ΦE   | ΦF   | ΦG   | H     | ΦJ   |
|------------|-----------------------|----------|------|------|-------|-----|------|------|------|-------|------|
| DI-016     | 1.0~1.6               | PP       | 1.60 | 0.99 | 2.80  | 2.0 | --   | --   | --   | 18    | 7    |
| DI-024     | 1.6~2.4               | PP       | 2.40 | 1.58 | 3.40  | 2.0 | --   | --   | --   | 20    | 7    |
| DI-032     | 2.4~3.2               | PP       | 3.20 | 1.97 | 4.20  | 2.0 | --   | --   | --   | 20    | 7    |
| DI-040     | 3.2~4.0               | PP       | 4.00 | 2.46 | 6.00  | 2.5 | --   | --   | --   | 33.2  | 10   |
| DI-048     | 4.0~4.8               | PP       | 4.80 | 2.96 | 6.80  | 1.8 | --   | --   | --   | 33.2  | 10   |
| DI-064     | 4.8~6.4               | PP       | 6.40 | 4.93 | 8.40  | 3.0 | --   | --   | --   | 40    | 14   |
| DI-087     | 6.4~8.7               | PP       | 8.70 | 6.40 | 10.70 | 3.0 | --   | --   | --   | 40    | 14   |
| BI-016/024 | (1.0~1.6) / (1.6~2.4) | PP       | 2.40 | 1.70 | 3.40  | 2.0 | 2.80 | 0.99 | 1.60 | 19.5  | 7    |
| BI-016/032 | (1.0~1.6) / (2.4~3.2) | PP       | 3.20 | 1.97 | 4.20  | 2.0 | 2.80 | 0.99 | 1.60 | 21.5  | 7    |
| BI-024/032 | (1.6~2.4) / (2.4~3.2) | PP       | 3.20 | 1.97 | 4.20  | 2.0 | 3.40 | 1.58 | 2.40 | 21.5  | 7    |
| BI-024/040 | (1.6~2.4) / (3.2~4.0) | PP       | 4.00 | 2.46 | 6.00  | 2.0 | 3.40 | 1.58 | 2.40 | 27.9  | 9.95 |
| BI-032/040 | (2.4~3.2) / (3.2~4.0) | PP       | 4.00 | 2.46 | 6.00  | 2.0 | 4.20 | 1.97 | 3.20 | 28.9  | 10   |
| BI-032/048 | (2.4~3.2) / (4.0~4.8) | PP       | 4.80 | 3.45 | 6.80  | 2.0 | 4.20 | 1.97 | 3.20 | 30.7  | 10   |
| BI-040/048 | (3.2~4.0) / (4.0~4.8) | PP       | 4.80 | 3.45 | 6.80  | 2.0 | 6.00 | 2.96 | 4.00 | 33.1  | 10   |
| BI-040/064 | (3.2~4.0) / (4.8~6.4) | PP       | 6.35 | 5.42 | 8.35  | 2.5 | 6.00 | 2.96 | 4.00 | 36.75 | 14   |
| BI-048/064 | (4.0~4.8) / (4.8~6.4) | PP       | 6.35 | 5.42 | 8.35  | 2.5 | 6.80 | 3.94 | 4.80 | 36.85 | 14   |
| BI-048/087 | (4.0~4.8) / (6.4~8.7) | PP       | 8.70 | 6.90 | 10.70 | 2.5 | 6.80 | 3.45 | 4.80 | 36.85 | 14   |
| BI-064/087 | (4.8~6.4) / (6.4~8.7) | PP       | 8.70 | 6.90 | 10.70 | 2.5 | 8.35 | 4.93 | 6.35 | 40    | 14   |