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Data Sheet

# INFUSION TUBING CONNECTORS & VALVES

## Infusion tube fittings

## DESCRIPTION

Infusion valves and fittings are available in several diameters and they are designed to be connected with different types of tubes used to control resin flow in the vacuum infusion process. The fittings can also be used to join the spiral tubes used as vacuum channels.

## TECHNICAL DATA

**Polypropylene fittings**

| | |
|---|---|
| Material type | Polypropylene |
| Maximum use temperature | 90°C |
| Colour | Black |

**Polyacetal infusion valve**

| | |
|---|---|
| Material type | Polyacetal |
| Maximum use temperature | 120°C |
| Colour | Black/Red |

## SIZES

Connector part numbers:

| Tee | Elbow | Coupling | Infusion valve |
|---|---|---|---|
| PTF12 | PLF12 | PCF12 | Infuvalve 12 |
| PTF16 | PLF16 | PCF16 | Infuvalve 16 |
| PTF20 | PLF20 | PCF20 | Infuvalve 20 |



Tee Elbow Coupling Infusion valve

| Fitting size (mm) | Works with: |
|---|---|
| 12 | 10mm I.D. PE Tube<br>10mm I.D. PVC fibre reinforced tube<br>8mm I.D. Sil-tube |
| 16 | 14mm I.D. PE Tube<br>13mm I.D. PVC fibre reinforced tube<br>10mm I.D. Sil-tube |
| 20 | 19mm I.D. PVC spiral reinforced tube<br>18mm I.D. PE tube |

## NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.
- Other sizes available upon request. Minimum order quantity may apply.
- See separate data sheets for tubes.

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Catalogue position : Resin infusion products

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