

T-fitting, rigid, for hose 8/6 mm, POM - Riegler 110745

Item no. RGL-110745

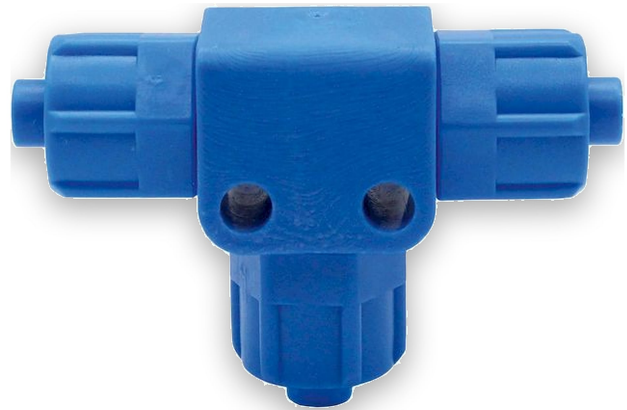
Manufacturer Riegler

EAN 4047322027168

T-fitting, rigid, for hose 8/6 mm, POM

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Country of Manufacture	Germany
For hose ID [mm]	6
For hose OD [mm]	8
Material	POM
Weight	0.012 kg
Zolltarifnummer	39174000



DESCRIPTION

T-fitting, rigid, for hose 8/6 mm, Operating pressure 0 - 10 bar, Temperature -10 °C to 60 °C, POM

TECHNICAL DATA

Min. operating pressure	0 bar
Max. operating pressure	10 bar
Min. temperature range	-10 °C
Max. temperature range	60 °C
for hose I.D.	6
for tube O.D.	8 mm
L1	52.0 mm
L2	26.0 mm
Material	POM

STANDARDS AND ORIGIN

- Customs tariff number: 39174000
- Country of origin: DE

ABOUT BRANCH TEES

A T-connector splits a hose line into two outlets or brings two lines together without the need for a separate manifold. It is fitted straight into the existing line, which also makes it a practical way to add a branch later. The group covers hose outside diameters from 4 to 12 mm.

WHAT MATTERS WHEN CHOOSING

- Material: nickel-plated brass, POM, PA, polypropylene (PP), perfluoroalkoxy (PFA) and stainless steel 1.4404. The material sets media resistance and temperature limit, the plastic versions keep weight down while PFA and stainless steel cover the demanding end.
- For tube O.D.: 4 to 12 mm, complemented by an inside diameter of 2 to 10 mm. Only both figures together define which hose will be held safely.
- Pressure: working pressure runs from 16 to 25 bar depending on version, other items are rated at an operating pressure of 10 to 18 bar. Down to -0.98 bar is documented for vacuum duty.
- Operating temperature: across the group the range spans -200 °C to 300 °C. A single version covers only a part of it, plastic parts ending at 60 °C depending on the material.
- Sealing: some versions use silicone-free NBR, the stainless steel version works without any sealant at all. That matters wherever silicone is unwanted or aggressive media are present.

TYPICAL APPLICATIONS

- Branching a compressed air line to a second consumer
- Feeding two pneumatic cylinders in parallel from one line
- Joining two return lines on fixtures and clamping devices
- Analytical and laboratory rigs calling for perfluoroalkoxy (PFA) or stainless steel 1.4404 because of aggressive media
- Routing lines on hot plant sections, where versions up to 300 °C are available

The 31 items are split across nickel-plated brass, POM, PA, polypropylene (PP), perfluoroalkoxy (PFA) and stainless steel 1.4404. Production is in Italy and Germany.