

Straight screw-in fitting, G 3/8 o., for hose 8/6 mm, AF 19 - Riegler 110727

Item no. RGL-110727

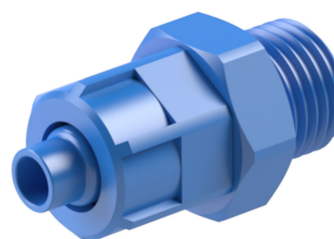
Manufacturer Riegler

EAN 4047322014601

Straight screw-in fitting, G 3/8 o., for hose 8/6 mm, AF 19

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Country of Manufacture	Germany
For hose ID [mm]	6
For hose OD [mm]	8
Pneumatischer Anschluss	G3/8 AG
Weight	0.006 kg
Werkstoff	POM
Zolltarifnummer	39174000



DESCRIPTION

Straight screw-in fitting, G 3/8 o., for hose 8/6 mm, AF 19, 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
Thread	G 3/8 ET
for hose I.D.	6
for tube O.D.	8 mm
L1	34.0 mm
a/f	19 mm
Material	POM

STANDARDS AND ORIGIN

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

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

ABOUT UNIONS

A straight fitting joins tube and threaded port on one axis and is the basic building block of any line layout. Depending on the design, the tube is pushed in or clamped with a union nut. The group covers tube outside diameters from 4 to 12 mm and hose inside diameters from 2 to 10 mm.

WHAT MATTERS WHEN CHOOSING

- Threads are available as male and female from M5 and G 1/8 up to G 1. Adapter versions add thread 1 as a female G 3/4 to G 1 1/4 and thread 2 as the matching male thread.
- Push-in versions follow the tube O.D. from 4 to 12 mm, clamping versions the hose I.D. from 2 to 10 mm. The two figures must not be mixed up.
- The version decides how the joint is handled. A union nut is meant for permanent installation, a knurled nut for connections opened by hand.
- Material follows medium and temperature. Nickel-plated brass and brass CW614N cover general compressed air work, PA, POM and polypropylene lightweight assemblies, and PFA plus stainless steel 1.4571 and 1.4404 chemically loaded runs.
- For the seal, NBR covers standard air, silicone-free NBR paint and coating areas, and FKM or FPM higher temperatures and oil-bearing media.

TYPICAL APPLICATIONS

- Feeding compressed air to cylinders, valves and air preparation units in machine building
- Joining plastic tubing in test rigs and laboratory setups
- Media lines in paint and coating plants using silicone-free seals
- Chemically loaded lines built with PFA or stainless steel fittings
- Vacuum sections on suction grippers that must hold down to -0.98 bar

The material range runs from nickel-plated brass and brass CW614N through PA, POM and polypropylene to perfluoroalkoxy and stainless steels 1.4571 and 1.4404. The operating temperature range of the group is correspondingly wide, from -200 °C to 300 °C.