Angled screw-in fitting G 1/6 o., for hose 4/8 mm, PFA - Riegler 110919

Item no. RGL-110919 | **Manufacturer Riegler** | **EAN 4047322242271**

Angled screw-in fitting G 1/6 o., for hose 4/8 mm, PFA

TECHNICAL DATA

Country of Manufacture	**Germany**
For hose ID [mm]	**6**
For hose OD [mm]	**8**
Material	**Perfluoroalkoxy (PFA)**
Pneumatic connection	**G1/4 AG**
Temperature (max.)	**200**
Thread	**G 1/4 AG**
Weight	**0.012 kg**
Zolltarifnummer	**39174000**

DESCRIPTION

Angled screw-in fitting G 1/6 o., for hose 4/8 mm, Working pressure max. 10 bar (20 °C)/max. 1 bar (170 °C), PFA Perfluoroalkoxy alkane (PFA): A fluoroplastic with the same chemical resistance as PTFE but much stronger and suitable for temperatures up to 200°C.

TECHNICAL DATA

Min. operating pressure	-0.9 bar
Max. Operating pressure at 20 °C	10 bar
Max. Operating pressure from 170 °C	1 bar
Max. operating temperature	200 °C
Min. operating temperature	-200 °C
Thread	G 1/4 ET
for hose I.D.	6
for tube O.D.	8 mm
L1	30.0 mm
L2	27.0 mm
Material	perfluoroalkoxy alkane (PFA)

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STANDARDS AND ORIGIN

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

ABOUT MALE ELBOWS

Elbow fittings take the line through 90 degrees and save space right at the cylinder or valve. Tube outside diameters from 4 to 12 mm are covered, with threads from M5 up to G 1/2 male.

WHAT MATTERS WHEN CHOOSING

- Identify the thread on the component first. Parallel threads run from M5 to G 1/2 male, tapered ones from R 1/8 to R 1/2 male, and female G 1/8, G 1/4 and G 1/2 are available as well.
- The hose sets the size. Outside diameters of 4 to 12 mm and inside diameters of 2 to 10 mm are listed, depending on whether the tube is pushed in or slid onto a barb.
- Material follows the medium and the surroundings. Nickel-plated brass and CW614N brass are the standard, POM, PA and polypropylene save weight, and stainless steel 1.4404, 1.4571 and PFA cover chemically demanding cases.
- Sealing material is a choice between NBR, silicone-free NBR and FKM (FPM). Silicone-free is mandatory wherever silicone contamination has to be ruled out in production.
- Maximum working pressure is given as 10 to 25 bar depending on design, operating pressure as 10 to 18 bar. For vacuum circuits the figures reach down to -0.98 bar.

TYPICAL APPLICATIONS

- Connecting cylinders in tight positions where a straight fitting projects too far
- Manifolds and valve terminals inside control cabinets
- Grippers and handling axes with moving hose runs
- Vacuum circuits with suction cups working below atmospheric pressure
- Food and chemical environments where stainless steel or PFA is required

The group covers nickel-plated brass, CW614N brass, stainless steel 1.4404 and 1.4571, POM, PA, polypropylene and PFA, sealed with NBR, silicone-free NBR or FKM (FPM). The 163 items come from Italy, Germany, the United Kingdom and China.