

### **Features**

- One-touch type enabling easy to attach and detach, safe use.
- Cork-type allowing excellent sealing function and high durability against leakage.
- Made of FDAapproved material ensuring its safety, certified as NSF 51, 61
- WRAS Approved
- Food and beverage fittings with oval sleeves

## **RS PRO Pneumatics Fittings**

RS Stock No.: 0528516



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## **Pneumatics Fittings**



#### **Product Description**

#### **Features:**

- This RS PRO Range is designed for water, food, and air contact, but can be used with selected gases, and liquids.
- Easy Actions allow the tube to be connected and released quickly, saving time and expenses.
- This is one-touch connection type without tools. It provides workers with more comfortable working environment.
- These products are made from NSF and ACS approved non-toxic materials.
- Metric size fitting is manufactured in black acetal copolymer with food grade EPDM O-ring.
  They are suitable for water, liquids foods, air & gas.
- Certified ISO9001 and ISO14001 in quality management and environmental management system.
- Made of FDA-approved material ensuring its safety, certified as NSF 51, 61
- Food and beverage fittings with oval sleeves

#### **Fluid Types:**

- Water
- Beverage
- Compressed Air
- Gases and liquids suitable with construction materials

#### **General Specifications**

Manufacturing Series	RS PRO Fluid
Features	Food Grade
Pneumatic Fitting Type	Straight Threaded Adaptor
Connection Style	Threaded-to-Tube
Applicable Fluid	Water; Beverage; Compressed Air; Gases and liquids suitable with construction materials
Colour	Black
Food Grade	Yes
Applications	Fitting for Potable Water, Beverages & Drink Dispense; Compressed Air; Gases and liquids suitable with construction materials
Body Material	Acetal Copolymer

# **Pneumatics Fittings**



### **Mechanical Specifications**

Maximum Operating Pressure	10 Bar
Connector A	Push In 12 mm
Connector B	G 1/2
Threaded Connection	G 1/2 Female
Thread Material	Acetal Copolymer
Angle	Straight
Inlet Port	Push In 12 mm
Outlet Port	G 1/2 Female
Number of Outlet Ports	1
Number of Inlet Ports	1
Mounting Type	Inline
Maximum Operating Temperature	65°C
Minimum Operating Temperature	1°C

#### **Approvals**

Standards Met





DM174/2004 (Italian market), EC1935/2004 (European Food Contact Directive), ACS (France market), NSF 51 and 61 (US market), W270 and KTW (German market), WRAS (UK market), Reach and RoHS3; ISO9001 and ISO14001









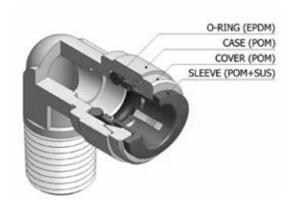


W270 KTW

#### \*\*\* Please see our Product Guide for more sizes / options within this range

<sup>\*</sup> System performance always depend on fittings, tubes and possible other items and accessories used. It is a responsibility for users to cross check the technical characteristics of each single component in order to avoid possible failures and dangers.





### **Connection & Disconnection**



Use a tube cutter to prepare the tube end square.



Insert the tube into the fitting fully up to the tube stop.



Pull the tube to check its security.



After pulling the tube, insert the clip between body and sleeve



Push back the tube one more time to check. The usage of clip is to prevent the tube pulling-out and the shaking.



Check the system pressure before pulling out the tube. Remove the clip before removing the tube.



To remove the tube press, hold collet while pulling out the tube.