

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 FDA-approved 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.: 0528456



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.

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	Elbow Threaded-toTube 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

Mechanical Specifications

Maximum Operating Pressure	10 Bar
Connector A	Push In 8 mm
Connector B	R 1/4
Threaded Connection	R 1/4 Male
Thread Material	Acetal Copolymer
Angle	90°
Inlet Port	Push In 8 mm
Outlet Port	R 1/4 Male
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
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W270 KTW

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

* 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.

Structural Diagram



Connection & Disconnection



1 Use a tube cutter to prepare the tube end square.



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



3 Pull the tube to check its security.



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



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



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



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