

## 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.: 0528433



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 | Straight Tube-to-Tube Adaptor                                                                                                 |
| Connection Style       | Tube-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                   | Push In 4 mm |
| Angle                         | Straight     |
| Inlet Port                    | Push In 8 mm |
| Outlet Port                   | Push In 4 mm |
| 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 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



\*\*\* 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.