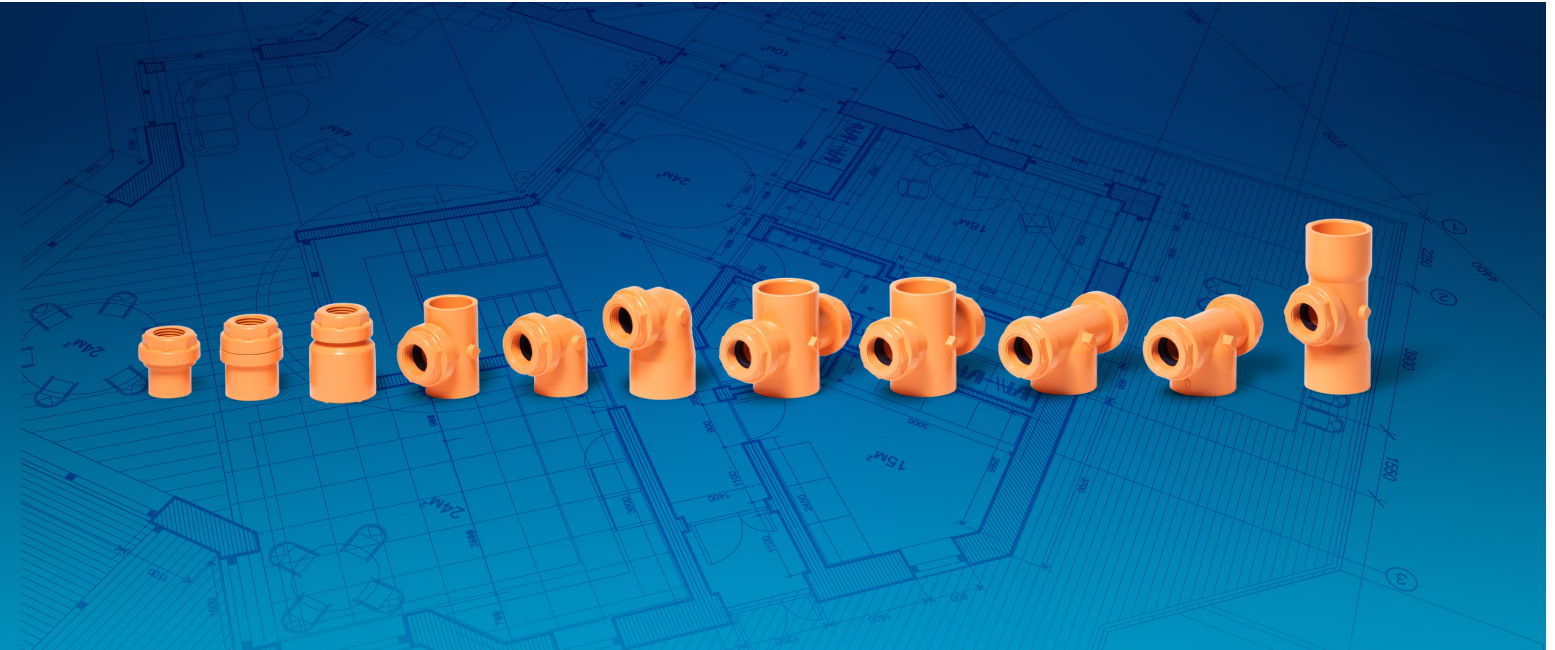




# Rapid Seal Adapter

## Connect with the best



### Features & Benefits

- No need for thread tape or sealant
- No brass, no lead, no dezincification
- cULus, FM, NSF-pw, & LPCB approved
- Compact design allows for improved installation flexibility

### At-A-Glance

The Tyco® Rapid Seal Adapter product line has been enhanced and expanded to include 11 expertly engineered fittings. These all-CPVC sprinkler head adapters are made with BLAZEMASTER® compound for use in fire sprinkler systems to connect sprinkler heads to the piping system. The redesigned offering features a more compact design, providing improved installation flexibility.

The straight thread adapter design helps provide an easy leak-free installation – done by simply hand-tightening the sprinkler into place and finishing with a minor wrench adjustment. This flexible installation method allows for easier, more precise positioning of the deflector. Thanks to its brass-free design, Rapid Seal is not prone to dezincification in hard water environments and also complies with growing state and federal low-lead requirements for sprinkler and plumbing systems.

Learn more about the full Tyco Rapid Seal Adapter offering at [www.tyco-fire.com](http://www.tyco-fire.com), or contact your local Sales representative.



# Rapid Seal Adapter



DO NOT use thread tape or sealant

## Installation Steps

### Attention:

- Do not use thread tape or sealant
- Do not over-torque sprinkler into the fitting; the seal does not get stronger with increased tightening

1. Inspect the inside of the installed fitting to ensure excess solvent cement does not drip or run down onto the gasket and fitting threads
2. Ensure the sprinkler threads are clean and do not have thread sealant such as tape or paste
3. Carefully thread the sprinkler into the fitting and hand-tighten until firmly seated
4. Orient/align the sprinkler as needed by tightening the sprinkler an additional 1/2 to 1 full turn
  - a. Do not over-torque sprinklers when wrench-tightening as this may result in damage to the fitting and/or sprinkler
  - b. For recessed applications, do not attempt to compensate for insufficient sprinkler depth within the escutcheon plate by under- or over-tightening the sprinkler. Re-adjust the sprinkler fitting position to suit.

Type	Nominal Pipe Size (inches)	Diameter Nominal (mm)	Part Number
Straight Adapter	3/4" x 1/2"	20mm x 15mm	80175RS2*
Straight Adapter	1" x 1/2"	25mm x 15mm	80176RS2
Spigot	3/4" x 1/2"	20mm x 15mm	80177RS2
Spigot	1" x 1/2"	25mm x 15mm	80175RS2*
90° Elbow	3/4" x 1/2"	20mm x 15mm	80199RS2
90° Elbow	1" x 1/2"	25mm x 15mm	80198RS2
Tee	3/4" x 1/2" x 3/4"	20mm x 15mm x 20mm	80250RS2
Tee	1" x 1/2" x 1"	25mm x 15mm x 25mm	80251RS2
Back to Back Tee	1/2" x 1/2" x 1" (3-3/8" takeout)	15mm x 15mm x 25mm (86mm takeout)	80460RS2
Back to Back Tee	1/2" x 1/2" x 1" (3-5/8" takeout)	15mm x 15mm x 25mm (92mm takeout)	80459RS2
Back to Back Cross	1" x 1" x 1/2" x 1/2" (3-3/8" takeout)	25mm x 25mm x 15mm x 15mm (86mm takeout)	80462RS2
Back to Back Cross	1" x 1" x 1/2" x 1/2" (3-5/8" takeout)	25mm x 25mm x 15mm x 15mm (92mm takeout)	80463RS2

\*Part Number 80175RS2 is used for both the Rapid Seal Adapter Female and the Rapid Seal Adapter Spigot as it is a dual purpose fitting and can be used in two different applications.

Customer Service: Tel: 800.558.5236 • Fax: 800.877.1295  
Technical Service: Tel: 800.381.9312 • Fax: 800.791.5500

[www.tyco-fire.com](http://www.tyco-fire.com)

Always refer to the Technical Data Sheet TFP1925 for a complete description of all listing criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.

The power behind **your mission**

