



RAPID SEAL ADAPTER

No need for thread tape
or sealant

No brass, no lead,
no dezincification

UL, FM, NSF,
LPCB approved

The TYCO Rapid Seal Adapter is an all-CPVC sprinkler head adapter made with BLAZEMASTER compound for use in fire sprinkler systems to connect sprinkler heads to the piping system.

The straight thread adapter design helps provide an easy, leak-free installation. Installation should be 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.

Available Models and Sizes

(all for use with 1/2-inch threaded connection)

Nominal Pipe Size ANSI Inches DN	Thread Size	Type	Part Number
3/4 DN20	1/2 NPS	90° elbow	80199RS
3/4 DN20	1/2 NPS	Straight Adapter	80175RS
1 DN25	1/2 NPS	90° elbow	80198RS
1 DN25	1/2 NPS	Straight Adapter	80176RS
1 DN25	1/2 NPS	Spigot	80178RS

Gasket Replacement Tools

Description	Part Number
Rapid Seal Gasket Replacement Tool	3060
Rapid Seal Gasket Removal Pick	3061
Rapid Seal Replacement Gasket (Qty. 10)	3062

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



National Fire
Equipment Ltd.

TORONTO: (905) 761-6355
Toll Free: (800) 267-8508

OTTAWA: (613) 723-6071

VANCOUVER: (604) 420-1131
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MONCTON: (506) 859-7277
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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 $\frac{1}{2}$ 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.



**DO NOT use thread tape
or sealant**

Replacing the Gasket

If a sprinkler is being replaced six months or more after initial installation, Tyco recommends replacing the gasket inside the Rapid Seal Adapter or replacing the entire fitting. A Gasket Removal Pick (P/N 3061), Gasket Replacement Tool (P/N 3060), and Replacement Gaskets (P/N 3062 - qty. 10) are available from Tyco for use with the Rapid Seal Adapter.

NOTE: the gasket replacement tool and process have not been evaluated by UL.

Replacement Steps

1. Use the Rapid Seal Gasket Removal Pick to remove the existing gasket from inside the fitting
2. Ensure the threaded rod is in the "open" position by turning it counterclockwise
3. Insert a new gasket onto the end of the threaded rod
4. Turn the rod clockwise until the gasket reaches the opposite end of the white cylinder
5. Securely fit the cylinder over the fitting
6. While applying pressure between the tool and fitting, continue tightening the threaded rod until the gasket is in place. A tool can be inserted through the end of the rod to manually tighten, or a motorized drill with a $\frac{3}{4}$ -inch socket can be used.



**Rapid Seal Gasket
Replacement Tool**

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