

U-Flow[®] Mechanical Seal

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION

The roofing industry's original mechanical compression seal provides a watertight mechanical seal that prevents damage to the roof and building from water back-up. U-Flow Seals feature tough nylon flanges, stainless steel screws and EPDM rubber gaskets. Available in 3-in., 4-in., 5-in. and 6-in. sizes.

FEATURES & BENEFITS

- OlyFlow drains with U-Flow Seals install in minutes from the rooftop, so you won't disturb building occupants.
- Provides a watertight seal that prevents damage from water back-up.
- There's only one original U-Flow Mechanical Seal.
- Can be used on OlyFlow drains shortened in the field.

APPLICATION

The seal is activated by tightening the internal screws with the U-Flow screwdriver. This compresses the thermoplastic seal, forcing it to expand and make contact with the wall of the old pipe, thus preventing vertical movement and stopping water backup damage.

APPROVALS & STANDARDS



ANSI/SPRI RD-1 – developed by SPRI (Sheet membrane and component suppliers to the commercial roofing industry), a certified canvasser of ANSI (American National Standards Institute), and features a test protocol designed to assure a leak-free connection to existing plumbing.



ULC/ORD-C790.4 – developed by Underwriters' Laboratories of Canada and features a test protocol designed to assure a leak-free connection to existing plumbing and impact testing to provide strength.



PHYSICAL DATA

SIZE	O.D. OF PRE-EXPANDED SEAL	FIT INTO PIPE I.D.	FULLY EXPANDED
3"	2.86"	2.88"	3.40"
4"	3.74"	3.76"	4.40"
5"	4.73"	4.75"	5.40"
6"	5.75"	5.77"	6.40"

Due to manufacturing variances and jobsite inconsistencies, these figures are to be used as a guideline and are not a guaranteed fit in "tight" situations.

ORDERING INFORMATION

CAT. NO.	SIZE	PKG	WEIGHT
UF3	3"	Each	1 lb.
UF4	4"	Each	1 lb.
UF5	5"	Each	1 lb.
UF6	6"	Each	1 lb.

RP101300



ROOFING PRODUCTS

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INSTALLATION PROCEDURE

STEP 1

Simply insert the narrow end of the U-Flow Seal into the bottom of the drain stem.

STEP 2

Using the U-Flow Screwdriver, tighten the seal's screws, accessible through the top of the drain, until seal expands and locks to the drain stem.

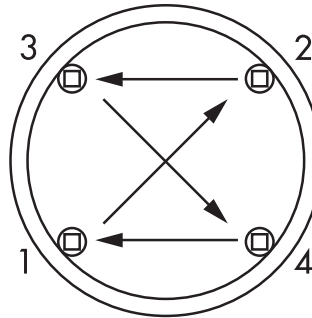
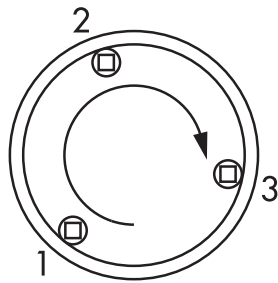
STEP 3

Place the drain with attached seal inside the existing drain pipe.

STEP 4

Tighten the seal screws in sequence, in order to provide uniform compression of the seal's compressing ring (the lowest part on the seal). Screws should be tightened with a few turns each, one by one. This procedure should be repeated until screws are hand-tight and no vertical movement of the drain is possible. U-Flow 3-in. and 4-in. seals have three (3) screws each, while U-Flow 5-in. and 6-in. seals have four (4) screws each. The order of tightening is shown below.

**For technical assistance contact
OMG at 800-633-3800.**



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