



# U-Flow<sup>®</sup> 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 aluminum and copper 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** is a national performance standard for retrofit roof drains. While most retrofit drains are not tested to this standard, OlyFlow Insert Drains with the U-Flow Seal exceed the standard, which requires that the seal hold a 10-ft. column of water for 24 hours without leaking.



### PHYSICAL DATA

SIZE IN	O. D. OF PRE-EXPANDED SEAL	FIT INTO PIPE I.D.	FULLY EXPANDED IN
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 IN	PKG QTY	WEIGHT LBS
UF3	3	1	1
UF4	4	1	1
UF5	5	1	1
UF6	6	1	1



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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.

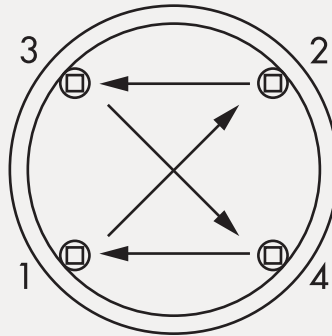
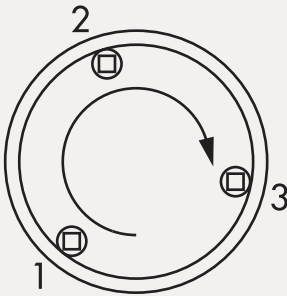
### STEP 3

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.**



## ROOFING PRODUCTS

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