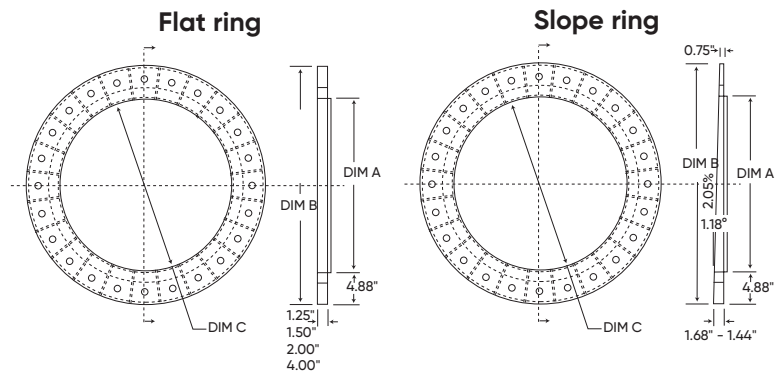


# LifeSaver® Manhole Adjustment Systems



- Water-tight Joints
- No Mortar Required
- Withstands Excessive Loads
- Impervious to Corrosion
- Lightweight and Easy to Handle



FLAT manhole adjusting ring

SLOPED manhole adjusting ring

## Manhole Adjustment Units

Description	Size	Product Code
Flat Manhole Adjustment Unit	24 x 4"	074140
Flat Manhole Adjustment Unit	24 x 2"	074141
Flat Manhole Adjustment Unit	24 x 1-1/2"	074142
Flat Manhole Adjustment Unit	24 x 1-1/4"	074143
Sloped Manhole Adjustment Unit	24 x 1-1/2"	074144
Flat Manhole Adjustment Unit	27 x 2"	074145
Flat Manhole Adjustment Unit	27 x 1-1/2"	074146
Flat Manhole Adjustment Unit	27 x 1-1/4"	074147
Sloped Manhole Adjustment Unit	27 x 1-1/2"	074148
Flat Manhole Adjustment Unit	27 x 4"	074245
Flat Manhole Adjustment Unit	30 x 2-1/4"	074001
Flat Manhole Adjustment Unit	30 x 4"	074002
Sloped Manhole Adjustment Unit	30 x 1-1/2"	074003
Flat Manhole Adjustment Unit	30 x 1-1/2"	074007

## Flat Manhole Adjusting Ring

Manhole Opening		DIM A		DIM B		DIM C	
in	mm	in	mm	in	mm	in	mm
24	610	23.75	603.3	33.50	850.9	5.00	127
27	686	26.75	679.5	36.50	927.1	5.00	127
30	762	29.75	755.7	39.50	1003.3	5.00	127
32	813	31.75	806.5	41.50	1054.1	5.00	127
34	864	33.75	857.3	41.50	1054.1	5.00	127

## Sloped Manhole Adjusting Ring

Manhole Opening		DIM D		DIM E	
in	mm	in	mm	in	mm
24	610	1.5	38	0.75	19
27	686	1.5	38	0.75	19
30	762	2.25	57	1.5	38
32	813	2.25	57	1.25	32
34	864	2.25	57	1.25	32

## Manhole Ring Installation

1. Clean the concrete cone or top slab with a stiff whisk broom, wire brush or chisel, removing all rocks, gravel, blacktop, protruding concrete and debris to obtain a flat seating surface.
2. Apply approved IPEX sealant on the flat side of the first Lifesaver ring, all the way around and as close as possible to the male lip (if surface irregularities are present, a second bead of sealant can be applied between the first bead and the holes to help seat the ring level).
3. Place the ring, male lip down, inside the cone or top slab opening.
4. Apply sealant around the second ring, on the flat side and as close as possible to the male lip; be careful to cover the entire 360° of the ring.
5. Install the second ring on top of the first; compress the sealant by standing on the rings.
6. Repeat steps 4 and 5 using 4", 2", 1-1/2", 1-1/4", and 3/4" x 1-1/2" sloped rings, as required, for each manhole to obtain a height of 1/4" below grade, after the casting is installed.
7. Prior to placing the casting, apply sealant to the flat portion of the topmost ring, all the way around so that the sealant is between the casting and the ring.

**Note:** If the hole in the cone or top slab is eccentric, preventing the ring from seating properly, use a wood saw to cut off enough of the male lip (90° – 120° is usually sufficient) until the ring fits flush with the concrete.



### About the IPEX Group of Companies

As leading suppliers of thermoplastic piping systems, the IPEX Group of Companies provides our customers with some of the world's largest and most comprehensive product lines. All IPEX products are backed by more than 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, we have established a reputation for product innovation, quality, end-user focus and performance.

Markets served by IPEX group products are:

- Electrical systems
- Telecommunications and utility piping systems
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Plumbing and mechanical piping systems
- Electrofusion systems for gas and water
- Industrial, plumbing and electrical cements
- Irrigation systems
- PVC, CPVC, PP, PVDF, PE, ABS, and PEX pipe and fittings

Products are manufactured by IPEX Inc.

Lifesaver<sup>®</sup> is a trademark of IPEX Branding Inc.

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A policy of ongoing product improvement is maintained. This may result in modifications of features and/or specifications without notice.