



PRECAST MANHOLE WITH INTERNAL SEAL

1. The rubber sleeve is available in heights of 8.5" (Standard) a 10" (Wide) & a 13" (Extra Wide). The same expansion bands are used on all three.
2. See the chimney height table below for seal and extension combinations needed to span from the frame to the top of the cone on manholes with various chimney heights. Frame offsets or diameter differentials will reduce these span heights.
3. The top of the cone shall have a minimum of 3" high vertical sealing surface that is smooth and free of any form offsets or excessive honeycomb.

CHIMNEY HEIGHT TABLE

| COMBINATIONS OF SEALS AND EXTENSIONS | TO SPAN HEIGHTS OF: | | |
|--------------------------------------|---------------------|-------------------|--------------------|
| | W/ STANDARD SEAL | W/ WIDE SEAL | W/ EXTRA WIDE SEAL |
| Seal Only | 0" to 4.5" | 2" to 7.5" | 6" to 12" |
| Seal + 7" Extension | Over 4.5" - 10.5" | Over 7.5" - 13.5" | Over 12" - 18" |
| Seal + 10" Extension | Over 10.5" - 13" | Over 13.5" - 16" | Over 18" - 20.5" |
| Seal + Multi Extensions | Over 13" | Over 16" | Over 20.5" |

Add 6" of coverage for each additional 7" Extension.
Add 8.5" of coverage for each additional 10" Extension.

**INTERNAL MANHOLE CHIMNEY SEAL W/EXTENSIONS
PRECAST**