



**CITY OF AUSTIN  
 STANDARD PRODUCTS LIST  
 for  
 CASING SPACERS, JOINT RESTRAINT TYPE**

**USING DEPARTMENT:** Water Utility    **ISSUED:** 04/01/16    **REVIEWED:** 04/01/16    **REVISED:** 04/01/16

**PREPARED BY:** Robert Lamb, P.E.    **CITY STOCK NUMBER:**

**DESCRIPTION:** Casing Spacers to support and isolate carrier pipe within encasement pipe and to provide joint restraint to prevent joint separation and overbelling. 14 gauge bands (0.075") and 10 gauge risers (0.135") shall be Type 304 stainless steel; all fasteners, exposed metal, rods, nuts, and washers shall be stainless steel; bands shall have insulating liners; runners shall be reinforced plastic, Dupont Co. "Rynite" or approved equal. For pipe up to 12" diameter, spacers shall be 8" long with 1" minimum width runners; for pipe larger than 12" diameter, spacers shall be 12" long with 2" minimum width runners. Maximum height of runner above the riser shall be 1½". Number of bottom runners shall be multiples of two. Number of top runners shall be multiples of two.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
04/01/16	CASCADE WATERWORKS MFG. 1213 Badger Street Yorkville, IL 60560	Style CCS-JR stainless steel - with 8" band for pipe to 12" diameter and 12" band for pipe larger than 12" (UHMW polymer runners for all sizes.	R. Lamb

- NOTE:**
1. Casing Spacer configuration and spacing shall follow manufacturer's recommendations and shall be shown on CONTRACTOR'S PROJECT SUBMITTAL, as approved by the Engineer, covering the specific work.
  2. End seals must also be shown on the drawings.
  3. Field modification of joint restraint casing spacers is prohibited.