



# SUBMITTAL CREMCO FLEXIBLE COUPLINGS

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Cremco Flexible Couplings are designed to join similar and dissimilar piping materials for DWV Plumbing Systems. They are available in various sizes from 1 1/4" through 8". The couplings are made of tough molded natural and synthetic rubber, making it resistant to chemicals, ultraviolet rays, fungus growth and normal sewer gases. Stainless Steel Bands are corrosion resistant and made of 300 series stainless steel. Installation torque 60 in/lbs. maximum operating temperature 140° F (Non Consistent). Minimum operating temperature -30° F.

### Certifications & Standards

Tested & Certified to:

ASTM C 1173

CSA B602

Series 300 stainless steel conforms to ASTM A 240

### Material Specifications:

**Clamp:** Type 301 AISI stainless steel

**Screw:** Type 305 AISI

**Gasket:** Primary elastomer is Neoprene



Test	Gasket Physical Tests	ASTM Method
Tensile Strength	1000 psi min.	D412 Die C, Fig. 2 or D638
Elongation	200 min.	D412 Die C, Fig. 2 or D638
Durometer (Shore)	50 75 As specified by the coupling Manufacturer	D2240
Accelerated (Heat) Aging	25% maximum tensile and 35% maximum elongation deterioration, 10 points maximum increase in hardness, all determinations after oven aging for 6 hours at 158° F	D573
Compression Set	25% maximum after 22 hours at 158° F	D395 (Method B)
Chemical Resistance Ozone Cracking	No weight loss after 48 hours at 74° F No visible cracking of the gasket at 20% elongation, after 100 hours exposure in 0.5 ppm ozone concentration at 104° F	D543 D1149
Tear Resistance	150 lbs. minimum per inch thickness	D624
Water Absorption	20% maximum by weight after 7 days at 158° F	D471
Stress Relaxation	30% minimum force retention	D6147

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