

SPECIFICATION SUBMITTAL SHEET

jones stephens corporation

NO HUB COUPLINGS



| PART NO. | SIZE |
|-----------------------|-------------|
| U95-001 | 1 1/2" |
| U95-002 | 2" |
| U95-003 | 3" |
| U95-004 | 4" |
| U95-005 | 5" |
| U95-006 | 6" |
| U95-008 | 8" |
| U95-010 | 10" |
| REDUCING SIZES | |
| U95-211 | 2" x 1 1/2" |
| U95-320 | 3" x 2" |
| U95-430 | 4" x 3" |

MATERIAL SPECIFICATIONS:

BAND - Type 301 AISI Stainless Steel - Minimum Tensile 165,000 PSI for 1 1/2" to 15"; Type 304 AISI Stainless Steel is permitted; Type 304 AISI Stainless Steel - Minimum Tensile 140,000 PSI.

SCREW HOUSING - Type 301 AISI Stainless Steel for 1 1/2" to 15"; Type 304 AISI Stainless Steel is permitted.

SCREW - Type 305 AISI Stainless Steel - 5/16 Hex Head / Shoulder for 1 1/2" - 10"; 3/8 Hex Head / Shoulder for 12" and 15" is required for couplings which require installed torque greater than 60 inch-pounds.

SHIELD - Type 301 AISI Stainless Steel - Bright Annealed only. (Annealed & Pickled Not Acceptable). Hardness - Rockwell B-85 Max.-(Max. burr height not to exceed 25% of thickness) for Type 301 AISI Stainless Steel- Rockwell B-95 Max. - (Max. burr height not to exceed 25% of thickness) for Type 304 AISI Stainless Steel.

Rubber Sleeve Physical Requirements

MATERIAL: The sealing sleeve shall be made from an elastomeric compound that meets the requirements of ASTM C564.

PHYSICAL TESTS: The test specimens shall be obtained from finished sleeves and tested pursuant to the methods described in the following table.

| TEST | PHYSICAL TESTS MIN. OR MAX. REQUIREMENTS | ASTM METHOD |
|-------------------|--|------------------|
| Tesile Strength | 1500 psi min. | D412 |
| Elongation | 250 min. | D412 |
| Durometer | 70±5@76°F±5°F | D2240 |
| Accelerated Aging | 15% max. tensile and 20% max. elongation deterioration, 10 points max. increase in hardness, all determinations after oven aging for 96 hours at 158°F | D573 |
| Compression Set | 25% max. after 22 hours at 158°F | D395 Method B |
| Oil Immersion | 80% max. volume change after immersion in ASTM oil no. 3 to 70 hours at 212°F | D471 |
| Ozone Cracking | No visible cracking at 2 times magnification of the gasket after 100 hours exposure in 1.5 ppm ozone concentration at 100°F. Testing and inspection to be on gasket which is loop mounted to give approximately 20% elongation of outer surface. | D1149 |
| Tear Resistance | Die C: 150 lbs. min. per inch of thickness. | D624 |
| Water Absorption | 20% max. by weight after 7 days at 158°F. | D471 |