



Certificate of Conformance

Date: January 2025

Product: A-LOK X-CEL Pipe-to-Manhole Connectors

Performance: These connectors meet the requirements of C-923-08, C-1478-08 and F-2510.

To whom it may concern:

This is to certify that the product listed below conforms to the following specifications:

Resilient Test Requirements of ASTM C-923-02 & C-1478-06:

| <u>TEST</u> | <u>RESULTS</u> | <u>ASTM METHOD</u> |
|------------------------|---|---|
| Chemical resistance | | |
| 1 N Sulfuric acid | No weight loss | At 22°C for 48h |
| 1 N Hydrochloric acid | No weight loss | |
| Tensile strength | 1200 psi or 8.5 MPa, min | D 412 |
| Elongation at break | 350% min. | |
| Hardness | +/- 5 from mfg's. specified hardness | D 2240 (Shore A durometer) |
| Accelerated oven-aging | Decrease of 15% max. of original tensile strength, decrease of 20% max. of elongation | D 573, 70+/- 1°C for 7 days |
| Compression set | Decrease of 25% max. of original deflection | D 395, Method B, at 70°C for 22h |
| Water absorption | Increase of 10%, max. of original by weight | D 471, immerse 0.75 by 2-in. or 19 by 25-mm specimen in distilled water at 70°C for 48h |
| Ozone resistance | Rating 0 | D 1171 |
| Low-temp brittle point | No fracture at -40°C | D 746 |
| Tear resistance | 200 lbf/in. or 34 kn/m | D 624, Method B |

Sincerely,

Pat Healey

Pat Healey
Q.A. Manager