



# Seeflex 020E

- Light weight Seeflex media, specifically designed for load and weigh scale type equipment.
- Seeflex 020E is a clear ether based thermoplastic polyurethane alloy.
- Having no memory Seeflex 020E will not fracture as a result of constant flexing.
- Dust control sleeves and transitions, 1st choice for dust free factories.
- Excellent abrasion resistance.
- Smooth welded seam.



## PHYSICAL PROPERTIES:

|   |                             |
|---|-----------------------------|
| Surface Finish  | Gloss/Gloss                 |
| Hardness (Shore A)  | 90                          |
| Wall Thickness (+/- 10%)                                    | 0.35 mm / 1/64 inch         |
| Tensile Strength (MPa)                                      | 78                          |
| Operating Temp Range  | -25 to 80°C<br>-13 to 176°F |
| Max. Surge Temp (°C)  | 100°C / 212°F               |
| Max. Operating Pressure (for temp. to 90°C / 195°F)*        | 0.10 bar / 1.5 PSI          |
| Low Temp, Flexibility                                       | Good                        |
| Ultimate Elongation (%)                                     | 644                         |
| Tear Strength – Die C (N)                                   | 17                          |
| Surface Resistivity (Ohms)<br><i>(Tested to ASTM D-257)</i> | 10 <sup>10</sup>            |
| 100% Modulus (MPa)  | 8.3                         |
| 300% Modulus (MPa)  | 18.4                        |
| Air Permeability  | 0                           |

## AVAILABLE SIZES: *(In 50mm (2") increments)*

|          |  |
|----------|--|
| Diameter | Ø100mm - 1,650mm<br><i>(also available in 125mm/5")</i><br>(Ø4" - 65") |
| Length   | 80mm, 100mm - 6,000mm<br>(3", 4" to 19ft 8")                           |

*(Size range is in mm, so inch conversions are approximate only. Restrictions apply for larger diameters, or when anti-collapse rings or TR versions used. Refer to 'Connector Sizes' for more information)*

*\*We recommend using the shortest possible connector for applications where increased pressure and/or high temperature is expected. Please contact us for more information.*

## COMPLIANCE:

Atex Compliant: IBExU tested. Can be used in all dust explosion hazardous areas (restrictions apply).  
Complies with following regulations:  
FDA 21 CFR 177.1680 and 177.2600, USDA and 3A (20-), (EC) 1935/2004, 2023-2006 & 10/2011