

# Seeflex 040AS

- Designed for applications where static is a problem.
- Seeflex 040AS is a semi-transparent, ether based thermoplastic polyurethane alloy with Anti-static infusion.
- Having no memory Seeflex 040AS will not fracture as a result of constant flexing.
- Excellent abrasion, chemical and puncture resistance.



## PHYSICAL PROPERTIES:

Surface Finish	Matte/Matte
Hardness (Shore A)	90
Wall Thickness (+/- 10%)	0.9 mm / 1/32 inch
Tensile Strength (MPa)	37
Operating Temp Range	-25 to 95°C -13 to 203°F
Max. Surge Temp	100°C / 212°F
Low Temp Flexibility	Good
Max. Operating Pressure (for temp. to 90°C / 195°F)*	0.24 bar / 3.5 PSI
Ultimate Elongation (%)	640
Tear Strength – Die C (N)	51
Surface Resistivity (Ohms) <i>(Tested to ASTM D-257)</i>	10 <sup>8</sup>
100% Modulus (MPa)	7.5
300% Modulus (MPa)	11.7
Air Permeability	0

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

Diameter	Ø100mm - 1,650mm <i>(also available in 125mm/5")</i>
Length	80mm, 100mm - 2,000mm <i>(3", 4" to 78 7/64")</i>

*(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 IExU tested. Can be used in all dust & gas explosion hazardous areas (restrictions apply). Complies with the following regulations: FDA 21 CFR 177.1680 & 177.2600, USDA, (EC) 1935/2004, 2023–2006 & 10/2011. Manufactured from 3A 20-27 certified Seeflex Material and the BFM® cuff and spigot system is a 3A certified 63-04 sanitary fitting.