

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) (Tested to ASTM D-257)	10 ⁸
100% Modulus (MPa)	7.5
300% Modulus (MPa)	11.7
Air Permeability	0

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

Diameter (also available in 125mm/5")	Ø100mm - 1,650mm (Ø4" - 65")
Length	80mm, 100mm - 2,000mm (3", 4" to 78 3/4")

(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 & gas explosion hazardous areas (restrictions apply).
Complies with the following regulations:
FDA 21 CFR 177.1680 & 177.2600, USDA & 3A (20-),
(EC) 1935/2004, 2023–2006 & 10/2011 .