



# 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

\* 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 for dusts with a minimum ignition energy as low as 1mJ.

IBExU tested. Can be used in all dust explosion hazardous areas. (Some restrictions apply - a copy of certification is available on request).

Complies with the following regulations:  
 FDA CFR 177.1680 and 177.2600  
 (EC) 1935/2004, 2023–2006, 10/2011 USDA and 3A (20-).