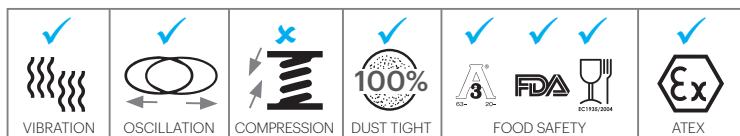


# Seeflex 060ES

- Pressure-resistant Seeflex 060ES is a clear, ether-based thermoplastic polyurethane alloy with an internal polyester scrim
- The internally bonded scrim restricts the Seeflex sleeve from stretching and provides superior pressure resistance
- Seeflex 060ES connector is only used for over pressure situations for continuous pressure up to 1.7 bar (tested on a static 200mm diameter x 200mm long connector \*)
- Seeflex 060ES connectors that are 600mm in length or longer allow for oscillation, while connectors shorter than 600mm do not possess this capability. (Contact BFM® for more information and size recommendations)
- **IMPORTANT NOTE:** Seeflex 060ES is designed to resist extremely high pressure and therefore it should not be used where the connector is intended to act as a pressure-release point.

\* Larger diameter/longer connectors or non-static applications should be referred to your Distributor for advice.



## PHYSICAL PROPERTIES:

Base Fabric	Ether-based thermoplastic polyurethane
Scrim	Polyester
Wall thickness (+/- 10%)	1.3mm / 1/64"
Tensile Strength (MPa)	47
Tear Strength (MPa)	111
Operating Temp Range	-25 to 120°C -13 to 248°F
Surge Temp	140°C / 284°F
Low Temp Flexibility	Good
Max. Operating Pressure (for temp. to 90°C / 195°F)**	1.7bar / 24 PSI
Elongation (100%)	12.5
Elongation (300%)	16.0
Ultimate Elongation (%)	382
Weight	1,220 g/m <sup>2</sup> 43 oz/yd <sup>2</sup>
Permeability	0

## AVAILABLE SIZES: (in 50mm / 2" increments)

Diameter (also available in 125mm/5")	Ø100 - 1,650mm (Ø4" - 65")
Length	80mm, 100mm - 1,000mm (3", 4" - 39 1/2")

(Size range is in mm, so inch conversions are approximate only. Restrictions apply for larger diameters, or when 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 certain dust explosion hazardous areas (restrictions apply). Seeflex 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.