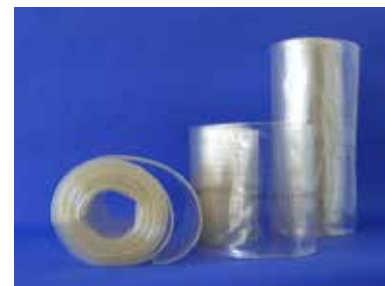




Clear-Flex SDX

Polyether-based thermoplastic polyurethane compound. Formulated to meet the static dissipation requirements of the ATEX Directive, EC1935/2004 compliant. FDA-acceptable for direct food contact UV stabilized, low relative humidity ESD protection, clear (natural) color.

Materiale	Polyether-based thermoplastic polyurethane compound.
Tensile Strength	32.4 MPa
Ultimate Elongation	>700%
Tear Strength, Die C	65.6 kN/m ²
Hardness: Shore A,	87
Temperature min/max	-18°C / 93°C
UV stabilized,	Yes
Surface Resistance	1.4 x 106 ohm/sq
ATEX Approval	Zone 20, 21, 22
Food approval	EC1935/2004 - FDA / CFR 21.177.1680 and 21.177.2600



Flex Fatigue Resistance	Excellent
Oil/Grease	Good
Weathering	Excellent
Water Absorption	Excellent
Acid (dilute)	Good
Acid (concentrated)	Poor
Chlorinated Hydrocarbon	Good



Clear-Flex SDX Seamless Tubing Sizes

Clear-Flex SDX is available in 10 standard diameters of seamless tubing with 0.8 mm. wall thickness, in lengths up to 15 m.:

- 308 mm. • 159 mm.
- 257 mm. • 134 mm.
- 232 mm. • 108 mm.
- 206 mm. • 86 mm.
- 181 mm • 57 mm

Clear-Flex SDX Custom made connectors:

Clear-Flex SDX is available in 1,52 mm., 0,75 mm. and 0,51 mm. wall thickness for custom made connectors.

Diameter	Possible lenght
Clear-Flex 060 - 1,52mm.	
114 mm. or larger	250 mm. - 1524mm.
89 mm. - 114 mm.	250 mm. - 508 mm.
Clear-Flex 030 - 0,75 mm.	
114 mm. or larger	250 mm. - 1524mm.
89 mm. - 114 mm.	250 mm. - 508 mm.
Clear-Flex 020 - 0,50 mm.	
114 mm. or larger	250 mm. - 1524mm.

Disclaimer: The data provided is intended as a guide only and should not be interpreted as a warranty. It is not intended to be used to determine the suitability of the product for any specific customer application. JP Air Tech strongly suggest that each customer thoroughly test the prospective product in their own manufacturing facility to determine the actual suitability of product in their specific application.