Flexo Shield is a high performance EMI (Electromagnetic Interference) shielded, braided expandable sleeving. Flexo Shield is cut and abrasion resistant, flexible and lightweight. Our sleeving can help fulfill the requirements of the internationally recognized standard CISPR25 for frequencies ranging from 10 KHz to 1 GHz. It does this by assisting in the shielding of wires that are attached to these electronic components which require this rating.

With its high temperature Aramid fiber cores and low angle braid, Flexo Shield can expand and contract to a limited degree to create a perfect fit. Flexo Shield braid fibers create a sleeve that provides good EMI protection and yields a material with outstanding flex-life.

Flexo Shield is great for applications where light weight and high performance are needed such as: computer systems, electronic office equipment, medical electronics, communication systems and many more. Techflex Flexo Shield is intended for high flex, high temperature, and environmentally tough applications, therefore making it appropriate for several aerospace applications.

Flexo Shield sleeving is used where light weight, high performance, high flex and high temperature are needed.
**SHIELDING**

**Technical Data Sheet**

**FLEXO® SHIELD**

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**Chemical Resistance**

1 = No Effect  
2 = Little Effect  
3 = Affected  
4 = More Affected  
5 = Severely Affected

- **Aromatic Solvents**: 2
- **Aliphatic Solvents**: 1
- **Chlorinated Solvents**: 3
- **Weak Bases**: 1
- **Salts**: 1
- **Strong Bases**: 2
- **Salt Water 0-S-1926**: 1
- **Hydraulic Fluid MIL-H-5606**: 1
- **Lube Oil MIL-L-7808**: 1
- **De-Icing Fluid MIL-A-8243**: 1
- **Strong Acids**: 3
- **Strong Oxidants**: 2
- **Esters/Keytones**: 1
- **UV Light**: 1
- **Petroleum**: 1
- **Fungus ASTM G-21**: 1
- **Halogen Free**: No
- **RoHS**: Yes

**Flammability**

- **Rating**: UL, VW-1

**PHYSICAL PROPERTIES**

- **Monofilament Diameter**: 0.010
  - ASTM D-204
- **Flammability Rating**: UL
- **Recommended Cutting**: Shears
- **Colors**: 1
- **Wall Thickness**: 0.025
- **Abrasion**: Low
- **Tensile Strength (Yarn)**: 2256 Lbs
  - ASTM D-2256
- **Specific Gravity**: NA
  - ASTM D-792
- **Moisture Absorption**: NA
  - % ASTM D-570
- **Hard Vacuum Data**: ASTM E-595 at 10-5 torr

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