



A division of CSA Technical Solutions, LLC
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F6 Braided Wrap Around Sleeving

The Limiting Oxygen Index (LOI) is a measure of the ratio of Oxygen to other gases in the air surrounding a substrate. Normal atmospheric air (i.e. the air we breathe) is approximately 21% Oxygen, so a material with an LOI of less than 21% would burn easily in air. That being said, a material with LOI of greater than 21% but less than 28% would be considered "slow burning". A material with LOI of greater than 28% would be considered "self-extinguishing". A self-extinguishing material is one that would stop burning after the removal of the fire or ignition source. Here are some typical values for LOI of some popular plastic materials: Polyethylene, 17.4%; Polypropylene, 21-34%; PET, 21-34%; Nylon 6,6, 24-29%; Polyvinyl Chloride (PVC), 45-49%; Halar (E-CTFE), 64%; Teflon (PTFE), 95%; Nomex, 28%.

Features:

- Excellent cut through and abrasion resistance.
- Continuous use temperature of -70°C to 125°C (-103°F to 257°F).
- Self-wrapping design for use on already in place wiring systems.
- The melt temperature of 230°C (446°F).
- Easy to apply and remove.
- Halogen Free, ROHS compliant.
- Self Extinguishing.
- Resists Gasoline, Engine Chemicals & Cleaning Solvents.
- Available in Black

Dimensions

Part Number	Diameter	Feet	Nominal Size	Wall Thickness
BS-F6-0125	1/8"	100 feet	1/8"	0.024"
BS-F6-025	1/4"	100 feet	1/4"	0.025"
BS-F6-050	1/2"	75 feet	1/2"	0.025"
BS-F6-075	3/4"	100 feet	3/4"	0.025"
BS-F6-150	1-1/2"	25 feet	1-1/2"	0.038"