

CEL-SPAN®



FR 2024

Cel-Span® FR 2024 is a zero free halogen engineering compound tailored for extrusion applications of electrical flexible conduit for plenum requirements of commercial buildups. This product complies with UL 2024 specification for plenum application above the ceiling requirements.

PHYSICAL PROPERTIES OF MOLDED TEST BARS	
MI Cond. 600°F w/5 kg wt.	20
Density	1.25
UL 94	V0 at 1/8" & 1/16"
% Elongation at Break	12.0
Tensile Strength at Peak, psi	8700



Steiner Tunnel used to test cable per UL 2024

APPLICATIONS:

This unique product is recommended for electrical sockets, timers, and light fixtures, plus electrical conduit, both smooth and corrugated.

PROCESS CONDITIONS:

The proprietary flame additive in Cel-Span® FR 2024 works by intumescences chemistry, which is initiated by heat. This chemical reaction forms a char barrier, and thus excludes oxygen from the fuel and temperature sources. We recommend that the barrel zone temperatures be set at 300°-345°F for optimum processing of electrical conduit both smooth and corrugated types.

There are no known adverse health effects from the use of Cel-Span® FR 2024. All additives in these products are registered under federal regulations code and have GRAS status.

Cel-Span® FR 2024 is packaged in 50 pound foil liner bags and 1000 pound Gaylord boxes with foil liners. We recommend this product may be dried at 160°C in a desiccant dryer for optimum performance. We also recommend that this product be kept in a closed

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