

## Wildlife Cover for Cable Terminator used in Medium Voltage Overhead Applications

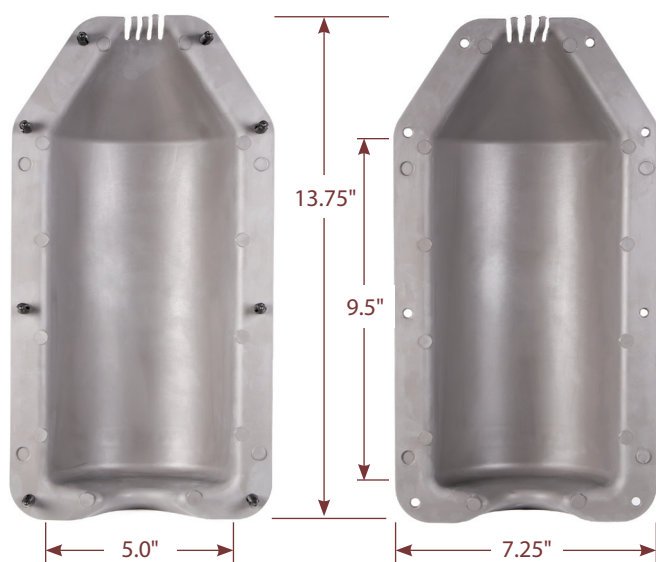
Terminator Covers are used on terminators "pot-heads" used in underground to overhead transitions on Medium Voltage distribution systems.

### Better Design through Innovation

- ▶ Application Voltage up to 38 kV System Voltage
- ▶ Self extinguishing V-0 flammability rating
- ▶ Ultra violet resistant material
- ▶ Easy installation and removal
- ▶ No springs, latches or hinges
- ▶ Made in the USA

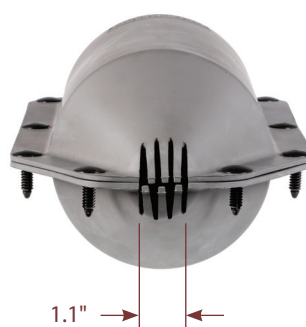


RTC-001  
Terminator Cover

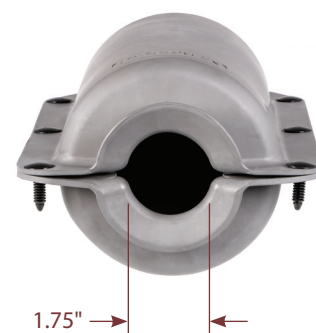


① Terminator Shed

② Terminator Core



Terminator  
Conductor  
Opening



Terminator  
Core  
Opening

### ORDERING INFORMATION

Catalog No.	Description	① Shed Max	② Core Max	Nominal Height	Color	Weight	Std. Package
RTC-001	Terminator Cover, 2-part button closure	5.00"	1.75"	13.75"	Grey	1.25 lbs.	20

## MATERIAL CHARACTERISTICS RUPP0014

Rauckman Utility Products materials are specifically formulated and compounded for the rigorous requirements of an energized application on an electric utility system. Materials used include base polymer resins supplemented by additives to enhance color, flame retardants, ultra-violet inhibitors, impact modifiers and ozone inhibitors.

The mitigation products listed here are molded from an engineered polypropylene resin matrix identified as formula **RUPP0014**.

### Mechanical Characteristic Ratings

▶ Impact Strength, Izod		
Notched 1/8" (3.2 mm) Section:	11.0 ft-lbs/in	ASTM D256
Un-notched 1/8" (3.2 mm) Section:	No Break	ASTM D4812
▶ Tensile Strength:	2500 psi	ASTM D638
▶ Tensile Elongation:	> 100%	ASTM D638
▶ Tensile Modulus:	0.14 x 10 <sup>6</sup> psi	ASTM D638
▶ Flexural Strength:	3400 psi	ASTM D790
▶ Flexural Modulus:	0.12 x 10 <sup>6</sup> psi	ASTM D790

## FLAMMABILITY — UL 94 / IEC 60695

Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances.

### Un-Exposed Sample

**CLASSIFICATION: V-0**

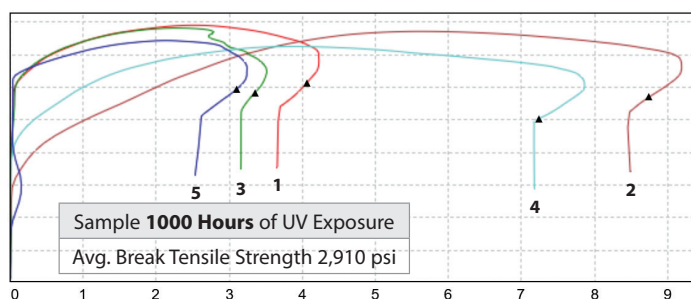
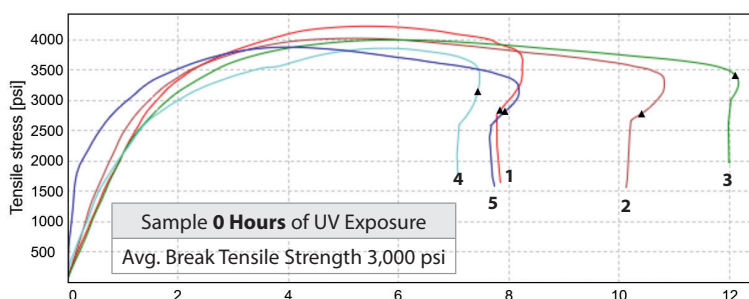
After 1,000 Hours of UV - ASTM D4329/G154

**CLASSIFICATION: V-0**

### Classification Criterion

- ▶ **Specimen:** Length 125 mm (5 in) x Width 13 mm (0.5 in) x Thickness 1.5 mm (1/16 in)
- ▶ **Procedure:** Vertical burn test with 20mm flame applied for two 10 sec intervals separated by the time it takes for flaming combustion to stop after the first application of the flame.
- ▶ **V-0 Criteria:** Burning stops within 10 sec. No flaming drip are allowed

## MECHANICAL STRENGTH — ASTM D638



## DIELECTRIC STRENGTH — ASTM D149

Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies.

### Un-Exposed Sample

- ▶ **Specimen Thickness:** 0.123" (123 mil)
- ▶ **Puncture Voltage:** 78.1 kV
- ▶ **Volts / mil:** 636 Volt / mil

### After 1,000 Hours of UV - ASTM D4329/G154

- ▶ **Specimen Thickness:** 0.123" (123 mil)
- ▶ **Puncture Voltage:** 73.4 kV
- ▶ **Volts / mil:** 598 Volt / mil

## ULTRAVIOLET (UV) TESTING — ASTM D4329 in accordance with ASTM G154

Samples in tests shown above were UV exposed per Standard Practice for Fluorescent UV Exposure of Plastics done in accordance with Standard Practice for Operating Fluorescent UV Lamp Apparatus for Exposure of Nonmetallic Materials.



### Cycle Method 1 from ASTM G154

- ▶ **Lamp Type:** Fluorescent UVA-340
- ▶ **Typical Irradiance:** 0.89 W/m<sup>2</sup>/mm
- ▶ **Approx. Wavelength:** 340 nm
- ▶ **Repeating Exposure Cycle:** 8 hr UV @ 60° C  
4 hr Condensation @ 50° C



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