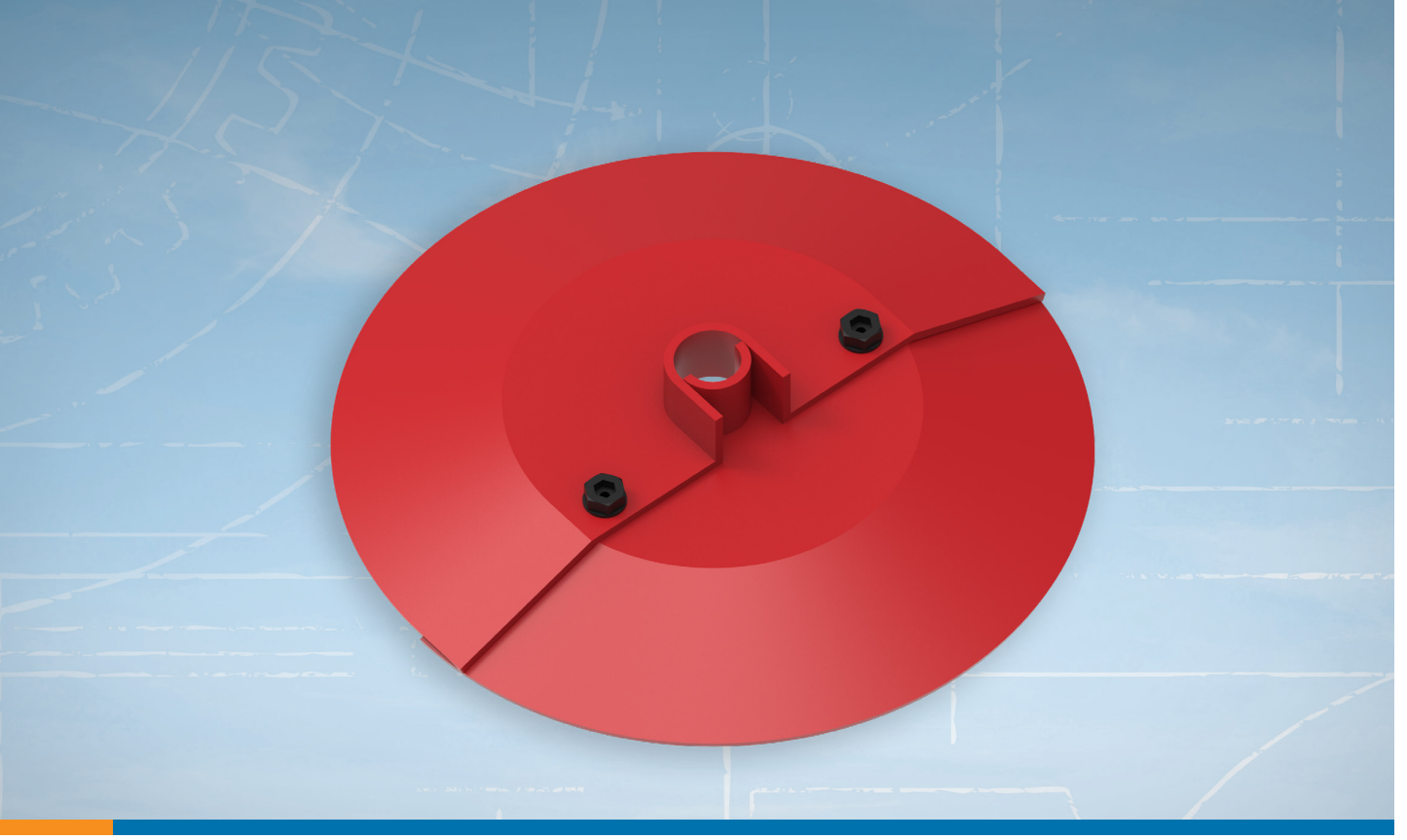


RIGID RED GUANO PROTECTION SHIELD (RRGS)

WILDLIFE AND ASSET PROTECTION PRODUCTS

KEY FEATURES

- Easy to install on insulator and bushings
- Bolted design for excellent mechanical hold and wind resistance
- Excellent insulator, prevention against phase-to-ground flashovers
- Rugged, non tracking, UV and chemical resistant polymer
- REACH and RoHS Complaint

TE Connectivity's (TE) Raychem Rigid Red Guano Shield (RRGS) protects against bird streamer caused outages. The unique shield design provides protection from fecal and other soluable contaminates coming from above the insulator string.

Fast and Versatile Installation

The RRGS two - piece shield design attaches easily with plastic bolts and nuts around the top of the insulator. TE manufactures designs for both porcelain, glass, polymeric and silicone insulator strings and available in both 450mm (18″) and 600mm (24″) diameter shield designs.

High Performance Material

Superior TE's Raychem high-voltage outdoor materials are used in the RRGS shield design. The rugged, non-tracking, UV-resistant, high temperature polymer ensures long-term performance even in extreme environmental conditions.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Rigid Red Guano Protection Shield (RRGS)



TE's Wildlife and Asset Protection products and systems of tubes, tapes, sheets, pre-formed covers and barriers provide a proven, cost-effective and easy-to-install solution to bird, animal and weather related outages.





PRODUCT PERFORMANCE		
Physical		
Key Material Properties	**Test Method**	**Required**
Tensile Strength	ASTM D2628	17 MPa min., 2450 psi min.
Ultimate Elongation	ASTM D2628	25% min.
Electrical		
Properties	**Test Method**	Required
Tracking and Erosion	ASTM D2303	No tracking, erosion to top surface or flame. Stop Voltage Method Failure after 1 hr. at 2.5 kV 1 hr. at 2.75 kV 1 hr. at 3.0 kV Initiate at 2.5 kV and 20 min at 3.25 kV
Selection		
Product Description	**Insulator Type**	**Shield Diameter**
RRGS-35/470-POLY(B12)	Polymeric/Silicone	450 mm (18")
RRGS-35/470-M (B12)	Porcelain/Glass	450 mm (18")
RRGS-35/600-FT (B3)	Polymeric/Silicone	600 mm (24")
RRGS-35/600-M (B3)	Porcelain/Glass	600 mm (24")

TECHNICAL REPORT	
EDR-5311	Rigid Red Barrier Board (RRBB) Product Qualification Report – RRGS Material Test Report

INSTALLATION INSTRUCTIONS	
PII 56543	Installation Instructions for RRGS-35/470 and RRGS-35/600

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