

# Animal Shields



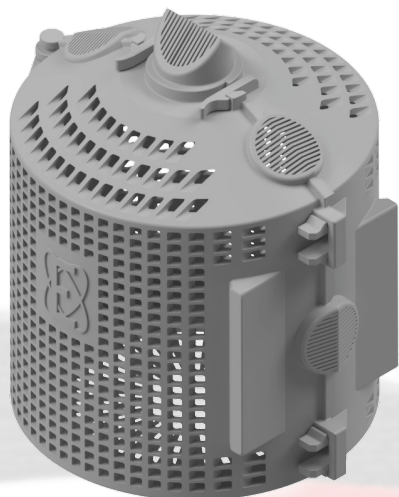
ECI, ERMCO Components Inc.  
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Greeneville, TN 37745 Phone:  
(423) 638-2302 Toll Free: (877)  
267-1855 Fax (423) 636-6492



ERMCO manufactures non conductive covers to protect wildlife from contacting the energized portion of a pole mounted distribution transformer high voltage bushing. They are made from polyethylene with enhanced superior ultra violet withstand characteristics.

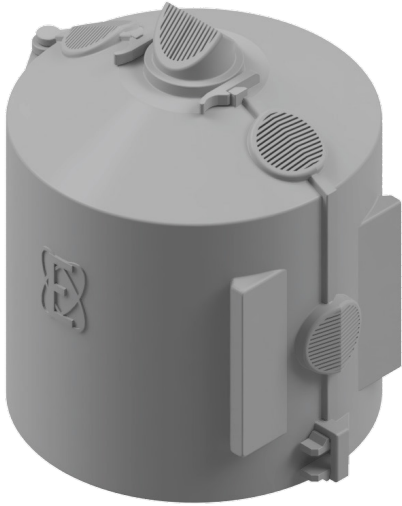
ERMCO is pleased to offer our ERMCO Animal Shields. Built for quality and long lasting durability. Easy installation and removal. We offer a variety of options that include standard, mesh and fire retardant.

## NEW Mesh and Fire Retardant Versions

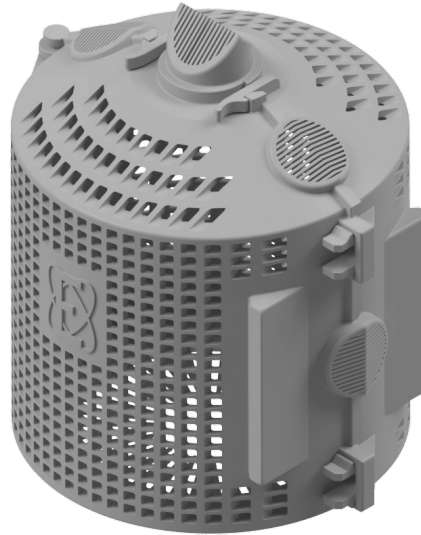


For more information contact  
[Componentssupport@ermco-eci.com](mailto:Componentssupport@ermco-eci.com)  
or call (423)638-2302

# Medium Clamshell Standard

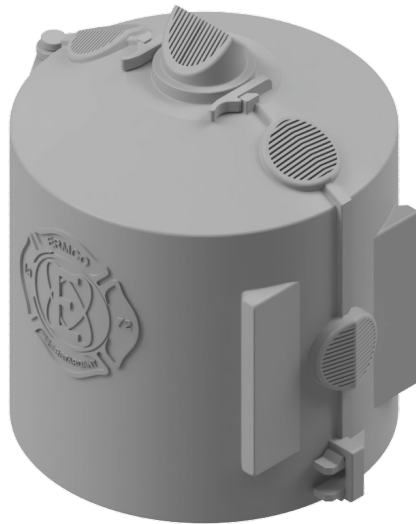


Solid Standard  
**7581NFR400**



Mesh Standard  
**7581NFR500**

# Medium Clamshell Fire Retardant

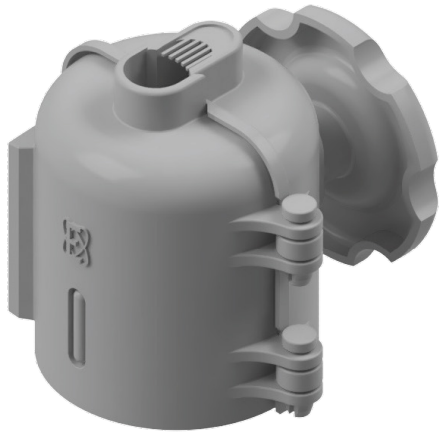


Solid Fire Retardant  
**7581EFR400**

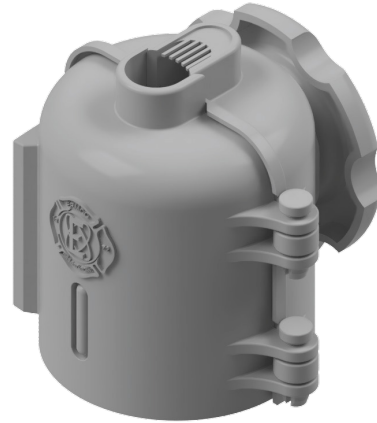


Mesh Fire Retardant  
**7581EFR500**

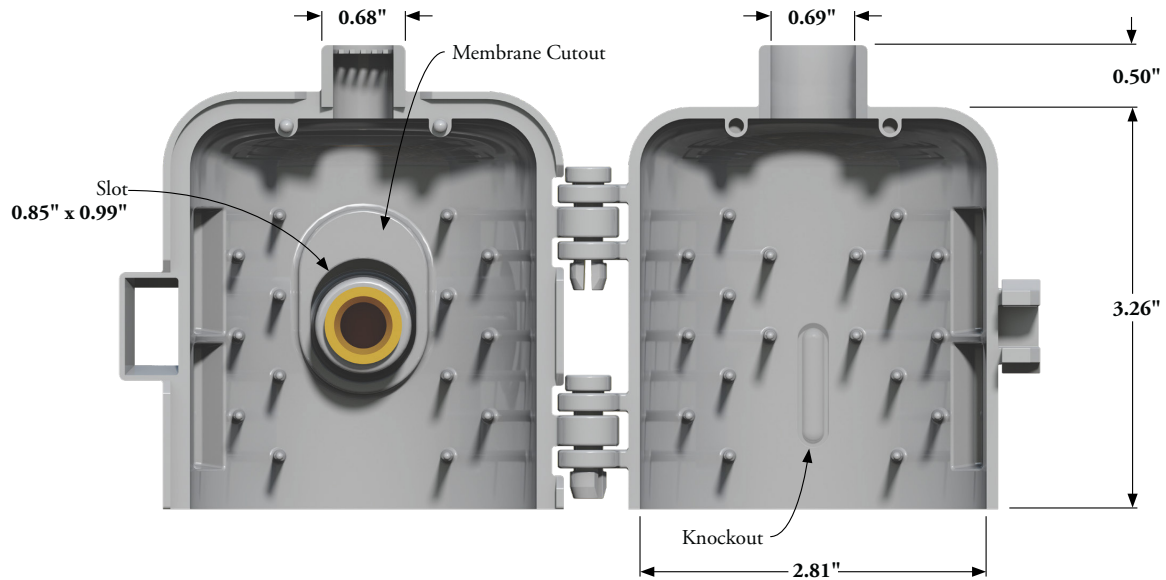
# Handwheel Assembly



Standard  
7581ZA0299



Fire Retardant  
7581EFR100



Wheel Replacement  
7581ZA1299

Test	Standard	Details	Results
<b>Cold Temperature</b>	IEEE std 1656 - 2010 Section 5.5	Thermal cycling from -40°C to +130°C, and exposure to -25°C for 4 hours with 5 removal/reinstallation cycles within 1 minute.	Passed with no visible cracks
<b>Flammability</b>	IEEE std 1656 – 2010 Section 5.9 UL-94 / IEC 60695	Bar-shaped specimens tested for Vertical/Horizontal Flame or High-current tests to verify self-extinguishing properties. Wildlife protection samples tested.	Passed rated as V-0
<b>Retention</b>	IEEE std 1656 - 2010 Section 5.8	Guard subjected to wind speeds of at least 97 km/h (60 mph) and tested up to 100 mph.	Passed at 100 mph for 10 minutes
<b>Wet Withstand</b>	Wet Withstand IEEE std 1656 - 2010 Section 5.2 IEEE Std. 4 - 2013	Tested under simulated rain conditions with energized electrodes. 38 kV system tested at 26 kV with no puncture or flashover.	Passed
<b>Wet Power Frequency Flashover</b>	IEEE std 1656 - 2010 Section 5.3 IEEE Std. 4 - 2013	Wet flashover voltage tests conducted on fixtures alone and with the sample. Flashover exceeded 90% of the fixture-only value.	Passed



**Made in USA**

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