

NEW PRODUCT ANNOUNCEMENT

The One-Source Solutions Provider
DESIGN | FORMULATE | COMPOUND | MOLD | FINISH
Thermoset Composites

STANDOFF INSULATOR Part # 6450 Round Shaped 7.2 KV Insulators Shatter Resistant Medium Voltage Insulator

CHAGRIN FALLS, OH--(January 4, 2012) - Mar-Bal, Inc., a Chagrin Falls, Ohio-based leader in the thermoset composites industry and an innovative solutions provider, today announced an expansion of our proprietary STANDOFF INSULATOR product line with the introduction of an additional size within our series of Medium KV Insulators. The NEW 4.5" height round shaped Insulator, part # 6450, is rated for 7200-Volt applications, is UL Listed and is ready for production orders.



7.2KV Insulators

Physical and Electrical Properties

Tensile Strength (lbs.)	Over 6,000
Cantilever Strength (lbs.)	Over 2,500
Compression Strength (lbs.)	Over 50,000
Creep Distance (in.)	6.5
Dielectric (KV)	Over 98
60 Hz 1 min (KV)	26
Arc Resistance (sec. ASTM D495)	180+
Water Absorption (% in 24 hrs. @ 23°C)	0.15
UL Subject 94 Flame Resistance	94 V-0
Inserts	Steel with Multiple Configurations Available

Product available in both the standard RED formulation and the ORANGE – Mar-Bal High Track Resistant formulation - Supertrack MB4000. The Supertrack MB4000 material has been subjected to inclined plane track resistance testing in accordance with ASTM D-2303, tracking less than 1 inch after 1500 minutes at 2500 volts.

[Click here to learn more.](#)

Part #	Suggested Indoor Voltage	Carton Quantity	UL File #	Shape	Diameter	Height	Insert Size	Type
6450 Series	7200	15	UL E84767	Round	3 3/4"	4 1/2"	S6/S81	Steel



Standoff Insulators

All Mar-Bal Standoff Insulators are molded from a flame retardant and track resistant glass reinforced thermoset polyester molding compound recognized for current carrying devices under UL Material Recognition Number E 80533 (N). They combine high mechanical strength with high arc resistance and dielectric properties at elevated temperatures and humidity. These shatter resistant insulators meet the most exacting standards for a variety of applications.

- Panel and Switchboard Insulators
- Round 600-Volt
- Round 4000 Series Insulators
- Center Post 4000 Series Insulators
- Center Post 5000 Series Insulators
- Aparatus
- 13.5 KV Insulators
- 5 KV Insulators
- 7.2 KV Insulators
- 15 KV Insulators

All Insulators Listed Can Also Be Molded Using Mar-Bal's High Track Resistant-Supertrack MB4000 Compound
Metric Insulators available upon request

Additional Reference: <http://www.mar-bal.com/standoffinsulators.htm>

Mar-Bal, Inc. Product Management:

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Place your Standoff Insulator order today!

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Headquartered in Chagrin Falls, Ohio, Mar-Bal is a compounder and molder of thermoset composite products. Since 1970, Mar-Bal has engineered and manufactured quality, customized materials and parts. Mar-Bal serves the appliance, electrical and industrial marketplaces from its four facilities in North America.

Mar-Bal, an ISO 9001:2008 registered company, has a portfolio of brands and proprietary products, and continues to develop innovative products while maintaining a commitment to client satisfaction and total value.

Contact Mar-Bal today and learn how thermoset composites can be a solution for you.

For more information about capabilities and innovative solutions including injection, compression and transfer molding of BMC, SMC, polyester, phenolics and epoxy, contact Mar-Bal.

440-543-7526 mar-bal.com

**Appliance | Electrical | HVAC
Transportation | Industrial**

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