



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS



STANDOFF INSULATORS

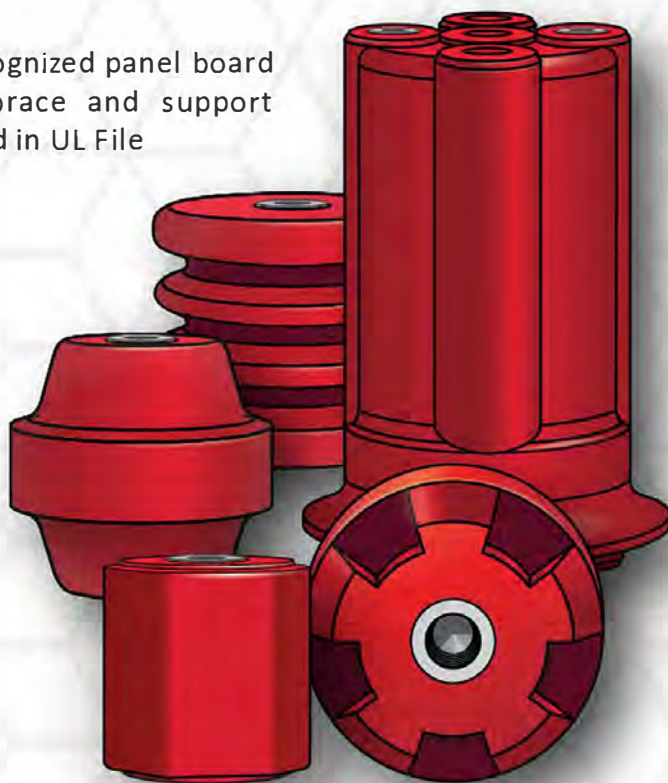
Standoff Insulators from The Gund Company are ideal for use in supporting bus bars or other live electrical components. Manufactured from UL recognized fiberglass reinforced, flame resistant, thermoset polyester molding compound, these components exhibit strong mechanical and electrical insulating properties.

UL RECOGNITION

All Standoff Insulators from The Gund Company are UL recognized panel board and switchboard accessories that comply with the brace and support requirements of UL 891 Annex G. The listing can be found in UL File E354884.

LAB TESTED ASSURANCE

The Standoff Insulators are molded from a UL recognized polymeric composite material made of a mixture of unsaturated polymer resin, cross linked catalyst, shrink control polyester, fire retardant agent, color pigments, and glass strands. The production process is controlled in an ISO 9001:2015 manufacturing environment. Each lot is mechanically and electrically tested to ensure performance and reliability for most demanding electrical applications.



STANDOFFS@THEGUNDCOMPANY.COM

Who is The Gund Company?

Standoff Insulators from The Gund Company are designed for use in indoor applications. Insulators mounted within a suitable electrical cabinet are considered indoors even though the cabinet itself may be outdoors.

The mechanical and electrical performance ratings of the insulators are meant to serve as a guide for their application. Each application may require conformance to an industry standard or other specification which may involve different requirements. The insulator will continuously withstand its rated voltage but specific environmental conditions such as ambient humidity and dirt could require the de-rating of the insulator.

GINS 3061



GINS 4610



GINS 4640



GINS 1461



GINS 2165



GINS 1603



GINS 1872



GINS 2015/2017



Typical Properties by Family	Mechanical Properties	Test Standard	Unit	GINS 1461	GINS 1603	GINS 1872	GINS 2015/17	GINS 2165	GINS 3061	GINS 4610	GINS 4640	
	Tensile Strength	UL 891	lbs	4,000	2,500	4,500 - 5,500*	2,300 - 3,800*	1,200	2,300 - 4,000*	6,500	6,000	
	Cantilever Strength	UL 891	lbs	2,000	800	900 - 1,300*	900 - 1,000*	500	800 - 1,000*	2,000	1,300	
	Compression Strength	ASTM D695	lbs	45,000	17,000	20,000 - 30,000*	14,000 - 15,000*	8,000	15,000 - 20,000*	30,000	30,000	
	Torque Strength	--	ft-lbs	35	30	45	45	12	30	30	30	
	Height Tolerance	--	in	±0.015	±0.015	±0.015	±0.015	±0.015	±0.015	±0.015	±0.015	
	Electrical Properties											
	Dielectric Strength	ASTM D149	kV	>40	>40	>35	>25	>20	>30	>40	>60	
	Arc Resistance	ASTM D495	seconds	>180	>180	>180	>180	>180	>180	>180	>180	
	Flammability Index	UL 94	--	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	
Track Resistance	ASTM D2303	minutes	>600	>600	>600	>600	>600	>600	>600	>600		
Creep Distance	--	in.	H+1.125	1.625	H+0.312	H+0.25	H	H+0.25	3.687	7		
Basic Impulse Level	--	kV	N/A	N/A	N/A	N/A	N/A	N/A	60	95		

* Mechanical performance varies with height.

AVAILABLE INSERT MATERIALS

The Gund Company offers a variety of threaded insert material options to suit your application. For more information on these materials, or to request a quote for your requirements, contact one of our standoff insulator experts today! Visit us at standoffs@thegundcompany.com

Threaded insert material preferences can be indicated by adding a "-S" for Steel or a "-B" for Brass to the end of any Standoff Insulator part # from The Gund Company. If no indication is made, the standard insert material is aluminum. Example part numbers are listed here:



ALUMINUM
GINS-XXXX-XX



STEEL
GINS-XXXX-XX-S



BRASS
GINS-XXXX-XX-B

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The Gund Company Standoff Insulators					Part Number Cross Reference			
Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glastic®	Mar-Bal®	Penn®
GINS-2015-1A	1.5"	2.0"	1/4-20	1,500	150	2015-1A	4150-S2	--
GINS-2015-2A	1.5"	2.0"	5/16-18	1,500	150	2015-2A	4150-A3/S3	--
GINS-2015-3A	1.5"	2.0"	3/8-16	1,500	150	2015-3A	4150-A4/S4	--
GINS-2015-2B	1.75"	2.0"	5/16-18	2,000	150	2015-2B	4175-A3	--
GINS-2015-3B	1.75"	2.0"	3/8-16	2,000	150	2015-3B	4175-A4/S4/S5	--
GINS-2015-2C	2.0"	2.0"	5/16-18	2,300	150	2015-2C	4200-A3	--
GINS-2015-3C	2.0"	2.0"	3/8-16	2,300	150	2015-3C	4200-A5/S5	--
GINS-2015-4C	2.0"	2.0"	1/2-13	2,300	150	2015-4C	4200-A6/S6	--
GINS-2015-3D	2.25"	2.0"	3/8-16	2,700	150	2015-3D	4225-A5	--
GINS-2015-4D	2.25"	2.0"	1/2-13	2,700	150	2015-4D	4225-A6	--
GINS-2015-M1A	38.1 mm	50.8 mm	M6-1.0	1,500	150	--	4150-A6/S6	--
GINS-2015-M2A	38.1 mm	50.8 mm	M8-1.25	1,500	150	--	4150-A3/S3/M8	--
GINS-2015-M3A	38.1 mm	50.8 mm	M10-1.5	1,500	150	--	4150-A4/S4/M10	--
GINS-2015-M2B	44.5 mm	50.8 mm	M8-1.25	2,000	150	--	4175-A3/S3/M8	--
GINS-2015-M3B	44.5 mm	50.8 mm	M10-1.5	2,000	150	--	4175-A4/S4/S5/M10	--
GINS-2015-M2C	50.8 mm	50.8 mm	M8-1.25	2,300	150	--	4200-A3/S3/M8	--
GINS-2015-M3C	50.8 mm	50.8 mm	M10-1.5	2,300	150	--	4200-A5/S5/M10	--
GINS-2015-M4C	50.8 mm	50.8 mm	M12-1.75	2,300	150	--	4200-A6/S6/M12	--
GINS-2015-M3D	57.2 mm	50.8 mm	M10-1.5	2,700	150	--	4225-A5/S5/M10	--
GINS-2015-M4D	57.2 mm	50.8 mm	M12-1.75	2,700	150	--	4225-A6/S6/M12	--

Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glastic®	Mar-Bal®	Penn®
GINS-2165-1A	1.0"	1.13"	1/4-20	600	500	2165-1A	1100-A1	AR5612-20A
GINS-2165-1B	1.25"	1.13"	1/4-20	600	400	2165-1B	1125-A1	AR5612-20B
GINS-2165-M1A	25 mm	28.6 mm	M6-1.0	600	500	2165-3A	1100-A1/M6	AR5612-6MA
GINS-2165-M1B	32 mm	28.6 mm	M6-1.0	600	400	2165-3B	1125-A1/M6	--

Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glastic®	Mar-Bal®	Penn®
GINS-1461-1A	2.125"	2.5"	3/8-16	2,500	100	1461-1A	3213-A5/S5	AR1641-16A
GINS-1461-1B	2.125"	2.5"	1/2-13	2,500	100	1461-1B	3213-A6/S5	AR1641-13A
GINS-1461-1C	2.125"	2.5"	5/8-11	2,500	100	1461-1C	3213-A8	AR1641-11A
GINS-1461-2C	2.625"	2.5"	5/8-11	3,000	80	--	--	--
GINS-1461-3A	5,000"	2.75"	3/8-16	7,500	30	--	6500-S10	--
GINS-1461-4A	6,000"	2.75"	3/8-16	13,500	24	--	6375-S10	--
GINS-1461-5A	7,000"	2.75"	3/8-16	13,500	24	--	7000-S10	--
GINS-1461-M1A	54.0 mm	63.5 mm	M10-1.5	2,500	100	1463-1A	3213-A5/S5/M10	--
GINS-1461-M1B	54.0 mm	63.5 mm	M12-1.75	2,500	100	1463-1B	3213-A6/S6/M12	--
GINS-1461-M1C	54.0 mm	63.5 mm	M16-2.0	2,500	100	1463-1C	3213-A8/S8/M16	--
GINS-1461-M2C	66.7 mm	63.5 mm	M16-2.0	3,000	80	--	--	--

Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glastic®	Mar-Bal®	Penn®
GINS-1603-2A	1.375"	1.75"	3/8-16	600	200	1603-2A	2138-A4	--
GINS-1603-2D	1.5"	1.75"	3/8-16	1,500	200	1603-2D	--	--
GINS-1603-M2A	34.9 mm	44.5 mm	M10-1.5	600	200	1603-410	--	--
GINS-1603-M2D	38.1 mm	44.5 mm	M10-1.5	1,500	200	--	--	--

Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glastic®	Mar-Bal®	Penn®
GINS-2035-1A	3.5"	--	2" BOLT HOLE CIRCLE	5,000	36	2035-1	--	--

The Gund Company Standoff Insulators						Part Number Cross Reference		
Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glasic®	Mar-Bal®	Penn®
GINS-3061-1A	1.375"	1.75"	1/4-20	600	200	--	--	AR3061-20A
GINS-3061-3A	1.375"	1.75"	3/8-16	600	200	--	R2137-A4/S4	AR3061-16A
GINS-3061-1B	1.5"	1.75"	1/4-20	1,500	200	--	--	AR3061-20B
GINS-3061-2B	1.5"	1.75"	5/16-18	1,500	200	--	R4150-A3/S3	AR3061-18B
GINS-3061-3B	1.5"	1.75"	3/8-16	1,500	200	--	R4150-A4/S4	AR3061-16B
GINS-3061-3C	1.75"	1.75"	3/8-16	2,000	150	--	R4175-A4/S4	AR3061-16C
GINS-3061-4C	1.75"	1.75"	1/2-13	2,000	150	--	--	AR3061-13C
GINS-3061-3D	2.0"	1.75"	3/8-16	2,300	150	--	R4200-A4/S4/S5	AR3061-16D
GINS-3061-4D	2.0"	1.75"	1/2-13	2,300	125	--	--	AR3061-13D
GINS-3061-3E	2.125"	1.75"	3/8-16	2,300	150	--	--	--
GINS-3061-3F	2.25"	1.75"	3/8-16	2,700	100	--	R4225-A5/S5	AR3061-16E
GINS-3061-4F	2.25"	1.75"	1/2-13	2,700	100	--	--	AR3061-13E
GINS-3061-5F	2.25"	1.75"	5/8-11	2,700	100	--	--	AR3061-11E
GINS-3061-3G	2.5"	1.75"	3/8-16	2,700	100	--	--	--
GINS-3061-3H	2.75"	1.75"	3/8-16	2,700	100	--	--	AR3061-16G
GINS-3061-M1A	34.9 mm	44.5 mm	M6-1.0	600	200	--	--	--
GINS-3061-M3A	34.9 mm	44.5 mm	M10-1.5	600	200	--	R2137-A4/M10	AR3061-10MA
GINS-3061-M1B	38.1 mm	44.5 mm	M6-1.0	1,500	200	--	--	--
GINS-3061-M2B	38.1 mm	44.5 mm	M8-1.25	1,500	200	--	R4150-A3/S3/M8	AR3061-8MB
GINS-3061-M3B	38.1 mm	44.5 mm	M10-1.5	1,500	200	--	R4150-A4/S4/M10	--
GINS-3061-M3C	44.5 mm	44.5 mm	M10-1.5	2,000	150	--	R4175-A4/S4/M10	AR3061-10MC
GINS-3061-M4C	44.5 mm	44.5 mm	M12-1.75	2,000	150	--	--	--
GINS-3061-M3D	50.8 mm	44.5 mm	M10-1.5	2,300	150	--	R4200-A4/S4/M10	--
GINS-3061-M4D	50.8 mm	44.5 mm	M12-1.75	2,300	125	--	--	--
GINS-3061-M3E	54.0 mm	44.5 mm	M10-1.5	2,300	150	--	--	--
GINS-3061-M3F	57.2 mm	44.5 mm	M10-1.5	2,700	100	--	R4225-A5/S5/M10	--
GINS-3061-M4F	57.2 mm	44.5 mm	M12-1.75	2,700	100	--	--	--
GINS-3061-M5F	57.2 mm	44.5 mm	M16-2.0	2,700	100	--	--	--
GINS-3061-M3G	63.5 mm	44.5 mm	M10-1.5	2,700	100	--	--	--
GINS-3061-M3H	69.9 mm	44.5 mm	M10-1.5	2,700	100	--	--	--

Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glasic®	Mar-Bal®	Penn®
GINS-2017-M2A	38 mm	50.8 mm	M8-1.25	1,500	150	2017-2A	--	--
GINS-2017-M2C	50 mm	50.8 mm	M8-1.25	2,300	150	2017-2C	--	--
GINS-2017-M3C	50 mm	50.8 mm	M10-1.5	2,300	150	2017-3C	--	--

Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glasic®	Mar-Bal®	Penn®
GINS-4610-15*	3.5"	3.5"	3/8-16	5,000	36	4610-15	6350-S10 4x2	--
GINS-4610-81*	3.5"	3.5"	3/8-16	5,000	36	--	6350-S10 4x4	AR5405-16A
GINS-4610-M15*	88.9 mm	88.9 mm	M10-1.5	5,000	36	--	--	--
GINS-4610-M81*	88.9 mm	88.9 mm	M10-1.5	5,000	36	--	6350-S81-M10	--

Part comparisons are assumed correct based on competitor literature. Contact us today with questions: standoffs@thegundcompany.com

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The Gund Company Standoff Insulators						Part Number Cross Reference		
Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glastic®	Mar-Bal®	Penn®
GINS-1872-1A	2.5"	2.5"	3/8-16	3,200	100	1872-1A	5250-A5/S5/S10	R2781-16A
GINS-1872-2A	2.5"	2.5"	1/2-13	3,200	100	1872-2A	5250-A6/S6	AR2781-13A
GINS-1872-3F	2.625"	2.5"	5/8-11	3,400	100	1872-3F	5263-A8/S8	AR2781-11S
GINS-1872-1B	2.75"	2.5"	3/8-16	3,600	100	1872-1B	5275-A5/S5/S10	AR2781-16B
GINS-1872-2B	2.75"	2.5"	1/2-13	3,600	100	1872-2B	5275-A6	AR2781-13B
GINS-1872-1C	3.0"	2.5"	3/8-16	4,100	100	1872-1C	5300-A5/S5	AR2781-16C
GINS-1872-2C	3.0"	2.5"	1/2-13	4,100	100	1872-2C	5300-A6/S6	AR2781-13C
GINS-1872-1D	3.25"	2.5"	3/8-16	4,500	50	1872-1D	5325-A5/S5/S10	AR2781-16D
GINS-1872-2D	3.25"	2.5"	1/2-13	4,500	50	1872-2D	5325-A6	--
GINS-1872-1E	3.5"	2.5"	3/8-16	5,000	50	1872-1E	5350-A5/S5/S10	AR2781-16E
GINS-1872-2E	3.5"	2.5"	1/2-13	5,000	50	1872-2E	5350-A6	--
GINS-1872-3E	3.5"	2.5"	5/8-11	5,000	50	1872-3E	5350-A8/S8	--
GINS-1872-M1A	63.5 mm	63.5 mm	M10-1.5	3,200	100	1874-1A	5250-A5/S5/S10/M10	--
GINS-1872-M2A	63.5 mm	63.5 mm	M12-1.75	3,200	100	1874-2A	5250-A6/S6/M12	--
GINS-1872-M3F	66.7 mm	63.5 mm	M16-2.0	3,400	100	1874-3F	5263-A8/S8/M16	--
GINS-1872-M1B	69.9 mm	63.5 mm	M10-1.5	3,600	100	1874-1B	5275-A5/S5/S10/M10	--
GINS-1872-M2B	69.9 mm	63.5 mm	M12-1.75	3,600	100	1874-2B	5275-A6/M12	--
GINS-1872-M1C	76.2 mm	63.5 mm	M10-1.5	4,100	100	1874-1C	5300-A5/S5/M10	--
GINS-1872-M2C	76.2 mm	63.5 mm	M12-1.75	4,100	100	1874-2C	5300-A6/S6/M12	--
GINS-1872-M1D	82.6 mm	63.5 mm	M10-1.5	4,500	50	1874-1D	5325-A5/S5/S10/M10	--
GINS-1872-M2D	82.6 mm	63.5 mm	M12-1.75	4,500	50	1874-2D	5325-A6/M12	--
GINS-1872-M1E	88.9 mm	63.5 mm	M10-1.5	5,000	50	1874-1E	5350-A5/S5/S10/M10	--
GINS-1872-M2E	88.9 mm	63.5 mm	M12-1.75	5,000	50	1874-2E	5350-A6/S6/M12	--
GINS-1872-M3E	88.9 mm	63.5 mm	M16-2.0	5,000	50	1874-3E	5350-A8/S8/M16	--

Part #	Height	Diameter	Thread Size	Voltage	Box Qty	Glastic®	Mar-Bal®	Penn®
GINS-4640-15*	6.0"	3.5"	3/8-16	15,000	20	4640-15	6600-S10 4x2	--
GINS-4640-81*	6.0"	3.5"	3/8-16	15,000	20	4640-81	6600-S10 4x4	AR5420-16A
GINS-4640-M15*	152.5 mm	88.9 mm	M10-1.5	15,000	20	--	--	--
GINS-4640-M81*	152.5 mm	88.9 mm	M10-1.5	15,000	20	--	--	--

*Indicates that these part numbers are currently only available with steel inserts. Contact us today with questions: standoffs@thegundcompany.com

THE GUND COMPANY

CONTACT ONE OF OUR FACILITIES FOR A SOLUTION TODAY!

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