

**CHARACTERISTICS/TESTS**

In accordance with ANSI C29.9

Glaze: Light-grey Munsell Notations N\*70  
 Approximate weight 308.2 lbs

**DIMENSIONS**

Minimum leakage distance 116 in

**MECHANICAL VALUES**

Cantilever breaking strength, upright 4100 lbs  
 Cantilever breaking strength, underhung 4100 lbs  
 Tensile breaking strength 40000 lbs  
 Torsional breaking moment 120000 in.lbs  
 Compression breaking strength 120000 lbs

**ELECTRICAL VALUES**

Guaranteed voltage:  
 Critical impulse dry, wave 1.2/50 - positive polarity 710 kV  
 Power frequency wet, withstand 275 kV  
 Impulse dry, wave 1.2/50 - withstand, positive polarity 650 kV

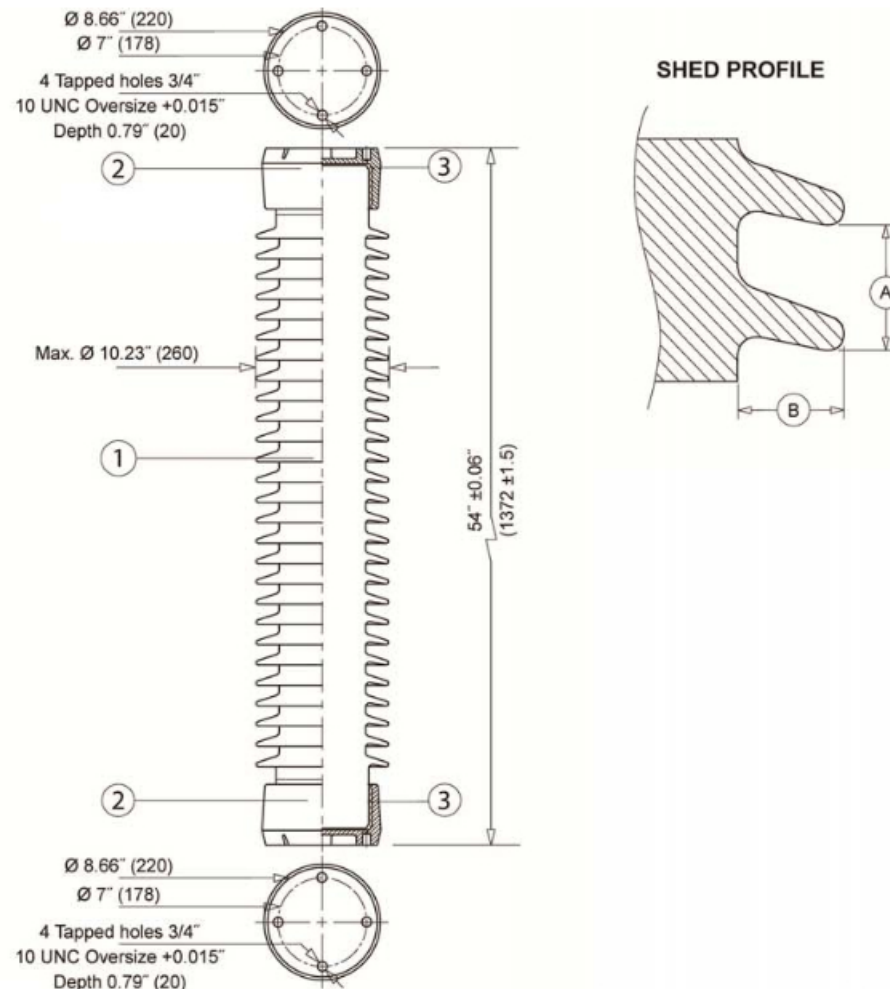
Test voltage 88 kV  
 Maxi RIV at 1 MHz 200 μV

**GENERAL TOLERANCE**

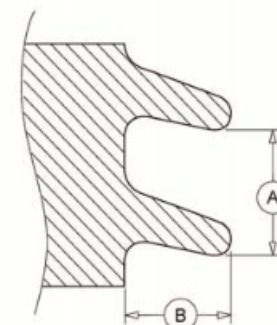
± (0.04d + 0.06) in., if d ≤ 11.8 in.  
 ± (0.025d + 0.24) in., if d > 11.8 in.

**CONVERSION TABLE**

<b>DIMENSIONS</b>	1	mm	0.03937	inch
	25.4	mm	1	inch
<b>FORCE</b>	1	N	0.22481	pound
	4.448	N	1	pound
<b>MOMENT OF FORCE</b>	1	Nm	8.8495	inch-pound
	0.113	Nm	1	inch-pound



**SHED PROFILE**



**EGER PRODUCTS, INC.**

**REVISIONS:**

**PROPRIETARY AND CONFIDENTIAL**  
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DATE: 8/1/2014  
 SCALE: NTS  
 DRAWN BY: E. GREEN  
 APPROVED BY:

CUSTOMER:  
 650 EU EXTRA HIGH STRENGTH  
 DWG. OUTDOOR STATION POST INSULATOR  
 MATERIAL: