

## PRODUCT DATA SHEET



### Technical Specifications

S.No	Characteristics	Standard Values									
1	Material	Synthetic Elastomer									
2	Thickness	2.0 mm ± 10%									
3	Tensile Strength	Min. 15 N/mm <sup>2</sup>									
4	Elongation	Min. 250%									
5	Working Voltage	Up to 3.3 kV									
6	Ac-Proof Voltage	Should withstand 10 kV for 3 minute									
7	Ac-Dielectric Strength	Min. 30 kV									
8	Leakage Current	Max. 10 mA									
9	Insulation Resistance with water at 5000 V	Min. 1,00,000 Mega Ohm									
10	Flame Retardant	Extinguish within 5.0 sec after removal of Blue Flame as per IS 15652									
11	Low Temp. Test	No Visible Break or Crack when folded after placing 1 hr at -10 ± 3°C									
12	Effect to Acid, Alkali, Diesel & Transformer Oil	<b>Category III</b> Acid, Alkali, Diesel And Transformer Oil (% change from original value)									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Category I</th> <th>Category II</th> <th>Category III</th> </tr> </thead> <tbody> <tr> <td>Acid, Diesel &amp; T. Oil</td> <td>Alkali, Diesel &amp; T. Oil</td> <td>Acid, Alkali, Diesel &amp; T. Oil</td> </tr> <tr> <td colspan="3">Tensile Strength (N/mm<sup>2</sup>), Elongation (%)</td> </tr> </tbody> </table>		Category I	Category II	Category III	Acid, Diesel & T. Oil	Alkali, Diesel & T. Oil	Acid, Alkali, Diesel & T. Oil	Tensile Strength (N/mm <sup>2</sup> ), Elongation (%)		
Category I	Category II		Category III								
Acid, Diesel & T. Oil	Alkali, Diesel & T. Oil	Acid, Alkali, Diesel & T. Oil									
Tensile Strength (N/mm <sup>2</sup> ), Elongation (%)											
	Tensile Strength(-20%), Elongation(-20%)										
13	Ageing Properties at 70 ± 1°C Tensile Strength (N/mm <sup>2</sup> ), Elongation (%)	% Change from Original Value Tensile Strength (-25%), Elongation (-25%)									

### Physical Specifications

Length*	Width*	Marking		Upper Pattern	Lower Pattern	Color*	Weight*
		Upper Side*	Lower Side				
2M/5M/ 10M/20M	1M (Higher Width available on request)	Brand, CM/L No. and IS No.	Mfr. Name, ISI Mark, Month & Yr of Mfr. Batch No., Class, Category	Coin/ Dotted type	Texture Finish	Blue/ Black	Approx. 3.2Kg.

\*As per site requirement

\*Embossing on every meter

\*Other Colors on Request \*In 1 Square Meter

- Pastable Type : Yes
- Safety Border : On Request