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Product Description - Electrical Insulation rubber sheet Fine Ribbed/Plain

Product Size (W x L x T) – 1.0m x 10m x 3.5mm +/- 0.3mm

Colours - GRAY/Black

**Product Features** - This product made by non-polar synthetic rubber blend incorporated with carefully selected special compounding ingredients.

- The sheeting in roll form or customized size to be used in areas where Electrical Insulation Required.
- Product has high level of flexibility at low temperature up to -25 °C.
- Product shows excellent load bearing characteristic, provides minimum set under heavy compression loads.
- The product is resistance to elevated temperatures up to 55 °C.
- Resistant to diluted alkaline and acidic solution...

**Other distinguished features are.**

- Complies DIN EN 60243-1 and VDE 0303-21 voltage.
- Excellent flexibility and recovery feature, when laid flat on the floor.
- Minimum Indentation set
- Good resistant to tear and wear

**Technical Specification**

| Properties                                   | Unit              | Test method           | Specification    |
|--|-------------------|-----------------------|------------------|
| 1.Tensile Strength                           | Mpa               | ISO 37 2005           | 5.4 +/-0.5       |
| 2.Elongation at Break                        | %                 | ISO 37 2005           | 325+/-25         |
| 3. Abrasion/mm <sup>3</sup> (5N)             | mm <sup>3</sup>   | DIN 53516             | 285+/-25         |
| 4. Hardness (shore A)                        | Shore A           | ISO 48-2010           | 60 +/- 5         |
| 5. Specific gravity                          |                   | ASTM D 1298           | 1.45 +/- 0.05    |
| 6. Tear Strength                             | Nmm <sup>-1</sup> | ISO 34-1:2007         | 45+/-3           |
| 7. Heat resistant                            |                   | ASTM D573 70 h at 70C | No visual damage |
| 8. Compression set                           | %                 | ISO 815:2008          | 40+/-3           |
| 9. Puncher resistant                         | N                 | <b>IEC 61111</b>      | 98+/-3           |
| 11. Electrical Insulation Withstand at 30 kv |                   | <b>IEC 61111</b>      | Pass             |
| 12. Electrical Insulation proof at 20 kv     |                   | <b>IEC 61111</b>      | Pass             |
| 13. Fire Resistant test                      |                   | <b>IEC 61111</b>      | Pass             |