



[industries3r.com](http://industries3r.com)

**Danville office**

Industries 3R inc.  
55, Road 116 West  
Danville (Quebec)  
Canada J0A 1A0

Telephone: (819) 839-2793  
Fax: (819) 839-2797  
Toll-free: (800) 567-2728  
Email: [info@industries3r.com](mailto:info@industries3r.com)

**Montreal office**

Industries 3R inc.  
1479, Begin street  
Ville St-Laurent (Quebec)  
Canada H4R 1V8

Telephone: (514) 333-3971  
Fax: (514) 333-7224  
Email: [info@industries3r.com](mailto:info@industries3r.com)

# SK563

## PHLOGOPITE MICA SK563

The Mica SK563 sheet is made from a mica phlogopite paper with a high temperature adhesive. It has a good dielectric resistance and it is easy to machine. This sheet resists to acids and temperature up to 1832°F.



## APPLICATIONS

It is used to fabricate dielectric flanges in foundries and aluminum smelters. It is also frequently used for applications in electrical appliances.

## SPECIFICATIONS

### Technical Data

|                            |  |
|----------------------------|--|
| <b>Thickness</b>           | <b>1.5 to 30.0mm</b>                                   |
| <b>Density</b>             | <b>1.6 ~ 2.45g/cm<sup>3</sup></b>                      |
| <b>Mica content</b>        | <b>90%</b>   |
| <b>Flexural strenght</b>   | <b>120Mpa</b>  |
| <b>Dielectric strenght</b> | <b>10MV/m</b>  |
| <b>Sheet size</b>          | <b>600 mm X 1000 mm or 1000 mm X 1200mm</b>            |
| <b>Temperature</b>         | <b>Continuous: 1382°F (750°C), Max: 1472°F (800°C)</b> |

**N.B.** The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.