

## Silicone Rubber Sheet

High grade silicone. Generally resistant to moderate or oxidizing chemicals, ozone, concentrated sodium hydroxide.

|   |   |                     |                      |
|---|---|---------------------|----------------------|
| Specification :   | 4100mmX2800mmX5.0mm                                       |                     |                      |
| Width :   | 10mm-3000mm   |                     |                      |
| Length :  | Any length longer than 2m                                 |                     |                      |
| Thickness :   | From 1 mm to 25 mm  |                     |                      |
| Standard Color :  | Translucent ,Gray(other colors are available for request) |                     |                      |
| Specification :   | Test Method   | Unit                | Test Result          |
| Temperature range   | ASTM D2137  | C                   | -50 to 260           |
| Specific Gravity  | ASTM D792   | a                   | 1.25                 |
| Hardness  | ASTM D2240  | Shore A             | 55+-5                |
| Tensile Strength  | JIS K6301   | kfg/cm <sup>2</sup> | 100                  |
| Elongation  | JIS K6301   | %                   | 650                  |
| Breakdown Voltage   | UL94HB  | KV                  | 24                   |
| Volume Resistivity  | UL94HB  | .cm                 | 1 x 10 <sup>15</sup> |
|   |   |                     |                      |
| Aging Properties, 100oC, 72 hours   | Hardness Change   |                     | (-7 shore A)         |
|   | Tensile Strength Change                                   |                     | -26%                 |
|   | Elongation Change   |                     | -7%                  |
|   |   |                     |                      |
| Oil Resistance Properties, test by JIS #3 test oil, under 150oC, 72 hours | Hardness Change   |                     | (-17 shore A)        |
|   | Tensile Strength Change                                   |                     | -35%                 |
|   | Elongation Change   |                     | -6%                  |
|   | Volume Change   |                     | +35%                 |