



## ND 400 Technical Data Sheet

### Description:

**ND 400** is a soft, heat-expandable high expansion mastic for sealing against moisture, air dust and the prevention of bolt torque lost. The material is formulated to expand and cure when exposed to typical automotive paint or primer bake conditions, providing good adhesion and sealing characteristics to a variety of metal, e-coated metal, and nylon substrates.

### Typical Properties:

- |                         |                        |
|-------------------------|------------------------|
| • Color:                | Black                  |
| • Specific Gravity:     | 1.32 g/cm <sup>3</sup> |
| • Non-Volatile Content: | 99 % minimum           |
| • Flash Point           | > 430 °F               |
| • Volumetric Expansion: | 300% minimum           |
| • Water Absorption:     | < 3 %                  |
| • Needle Penetrometer:  | 3.8 mm                 |
| • Solids Content:       | 97%                    |
| • Shelf life:           | 6 Month                |

### Recommended Cure Temperatures:

- 250 °F – 325 °F

### Application:

**ND 400** is ideal for isolating sheet metal components, such as roof bow to roof bow. It can be applied over oily metal and expand and cure in the e-coat oven.