

Description

ND 750 is an expandable ethylene copolymer based material that is supplied in a non-tacky form. The material is formulated to expand and cure when exposed to typical automotive paint or primer bake conditions. It has good adhesion to a variety of metal, e-coat, and nylon substrates resulting in excellent sealing and acoustic characteristics.

Typical Properties

Color	Black
Volumetric Expansion (163°C – 10 minutes metal time)	>500%
Density	1.25 g/mL
Non-Volatile Content:	≥93%

Recommended Cure Temperatures

155°C - 195°C

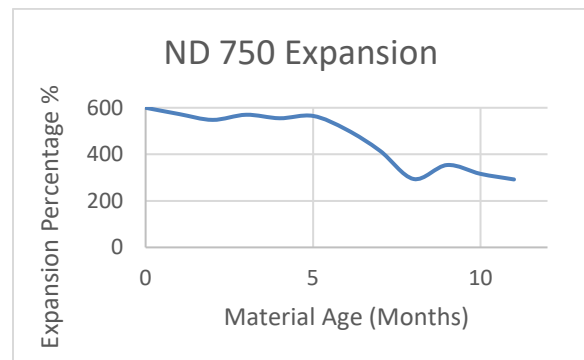
NOTE: Percent expansion will vary based on cure temperature and time

Application

ND 750 is ideal for injection, insert, or two-shot molding processes in which the sealant can be directly molded onto nylon substrates. ND 750 can be supplied as free flowing pellets, sheet stock, and custom die shapes to meet the specific needs of the application. Recommended processing temperatures for injection molding are 80°C to 100°C.

Percent Expansion vs. Time

The percent expansion performance of the material will vary based on the age of the material. For optimal performance (percent expansion >500%), it is recommended to utilize material within 6 months of the date of manufacture. However, for most applications, the material will be acceptable for use through 12 months from the date of manufacture, with percent expansion remaining around 300%.



Storage

ND 750 should be stored in a climate controlled storage area. Recommended optimal storage temperature of liquid ND 750 is 24°C ±5°C. Please consult the SDS for ND 750 for further information regarding proper handling and storage.

Special Note

The data contained on this data sheet is representative of the performance of ND750. Given that actual conditions may vary, it is recommended that testing should be conducted by the end user to determine suitability for their application.

Technical data contained within this document is intended for reference only.
For assistance and recommendations on specifications for this product, contact ND Industries

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