

Edge Adhesives 7318 Charcoal Butyl Vacuum Bag Sealant Tape 400 °F

PRODUCT DESCRIPTION

Edge Adhesives 7318 is a curing butyl sealant tape designed for use in high heat, high pressure, vacuum bagging applications. Charcoal in color, 7318 is formulated to be able to withstand service temperatures of ~ 250-400°F. This butyl vacuum bag sealant tape is ideal for applications where the tape needs to strip clean while hot (<150°F). The standard size for this material is 1/8"x 1/2" x 25'. Custom sizes are also available. EP 7318 is compatible with most bagging films and both metal and composite tools.

DIRECTIONS FOR USE

Edge Adhesives 7318 Charcoal Vacuum Bag Sealant Tape should be applied by hand to a clean dry mold or tool at room temperature with the release liner on top. Do not remove release liner until sealant is properly positioned, then remove liner using a constant force without tearing. Apply film on top. Using a roller or hand, apply pressure where film and sealant contact to maximize adhesion to insure good vacuum. It is best to allow mold or tool to cool to room temperature before attempting to remove the sealant, but may strip clean at temperatures up to 150°F (66°C).

STORAGE AND HANDLING

It is suggested that the material be stored in a cool <80°F (27°C), dry area in the original sealed containers. No special handling is required.

SAFETY INSTRUCTIONS

No special requirements are needed. Safety Data Sheets are supplied upon request.

FEATURES

- ▶ For use in composite applications with cure cycles between 250°F (121°C) and 400°F (204°C).
- ▶ Maintains an airtight seal during the cycle and strips clean from most molds or tools at room temperatures. Do not attempt to strip hot.
- ▶ Composition is 99% solids, non-hazardous, and contains no solvents.
- ▶ Easy to use and can apply by hand.

SPECIFICATIONS

PROPERTY

Raw Material Base:
Cone Penetration (@ 77°F, 300g):
Specific Gravity:
Color:
Solids by Weight:
Service Temperature Range:
Shelf Life:
Odor:
Weight per Gallon:

VALUE

Synthetic Polymer
8.5 mm – 9.5 mm
1.12
Charcoal
100% solids
Room Temperature - 400°F (204°C)
18 months
Neutral
9.3 pounds

The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.