

OVERVIEW

AWT-913 is a high-performance vacuum bag sealant tape developed to be used in autoclave and oven composite curing applications. It is used in conjunction with all types of nylon bagging and on all types of tool surfaces whenever positive vacuum is required during the fabrication of composites in aerospace and commercial vacuum bag layup and will resist high flow when it is subjected to high heat and pressure. AWT-913 tape distinguishes itself with its outstanding performance in both oven and autoclave applications by tenaciously bonding to all bagging materials and clean release from tool surfaces without residue and can be easily moved through layup process if required. This is accomplished over a broad temperature range of room temperature to 400° F (204°C).

TECHNICAL DATA

COLOR: OFF WHITE

MAX USE: 400°F

STORAGE

Product should be stored properly in a cool dry place around 72°F (22°C). Do not refrigerate. Shelf life is 18 months from date of manufacture when stored properly.

APPLICATION INSTRUCTION

Apply by hand to a clean dry surface with release paper on top. When the sealant is in position remove the release paper and while laying the film on top. Apply pressure by hand or use 1" roller on the top of the film and sealant to obtain intimate contact with the surface and to ensure positive seal. The bag may be stripped off the tool warm or cold after the cure cycle without leaving a residue. It is recommended to strip below 150°F.

PACKAGING

AWT-913 Sealant Tape is extruded in roll form with a release liner.

The tape standard size is ½" x ⅛" x 25' rolls, other tape dimensions can be extruded upon request.

FREIGHT CLASS

Freight Classification Caulking Compound, "NOBIN" (No Red Label Required) Class 55, not hazardous for transport.

FEATURES & BENEFITS

Easy to apply by hand on flat and contour surfaces

Strong adhesion to nylon films and tooling surfaces

Ideal for oven or autoclave cure

Strong modulus during heating to resist flow and provide tight seal

Strips clean from various tools surfaces both warm and cold

Excellent resistance to common resins used in the manufacturing of composites

Minimum weight loss, no fumes, or byproducts during its applications