



Product Data

Revised: 20/11

Q-254 Vacuum Sealant Tape

Purpose

Q254 is a flexible gasket sealant designed to meet the requirements of post cure vacuum bag cycles. It is intended for use with most bagging films and can be used on composite tool surfaces. It will function in vacuum processing cycles giving a positive seal even up to extended use at 400°F (204°C)

Composition

The compound is a modified mixed elastomer based compound. The fillers are of an inert reinforcing type.

Packaging

This product is extruded on silicone backed release paper and rolled or cut to specific lengths. Tape dimensions vary with the requirement. Standard shipping cartons are constructed of 200 pound test material. All rolls are separated by silicone dividers and protected by upright stacking cores. Pallets are heavy duty and have four-way entry. All pallets are stretch-wrapped for shipment.

Processing

Apply by hand to a clean dry tool or platen with release liner on top. When properly placed remove liner and place bagging film on top. Apply hand or roller pressure to insure seal and proper vacuum. Strip Q254 below 150°F to minimize part warping. Q254 should be strippable with no appreciable residue at room temperature.

Freight Classification

Caulking Compound, "NOIBN" (No Red Label Required) Class 55, Item No. 149610

Test Data

Color: Grey

Solids Content: ASTM C771-74, >99.9%

Specific Gravity: ASTM D71-72

Shelf Life: 18 Months

Hardness: ASTM D217 (300gr. total weight) 77°F, 7.5-9.5mm

Force to Compress: As measured when 1c" of 3/8" thick material compressed to 3/16" thick material @ 2"/min. 77°F, 50-75lbs.

Elongation & Webbing: 0°F 450%min.; 77°F 1,000%min.

Plasticizer Migration: ASTM C772-74, none

The information contained herein is believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to its accuracy, suitability for particular applications, or the results to be obtained there from. All products purchased from Seller are subject to the terms and conditions as set out in the contract, order acknowledgment, and/or bill of lading. Before using the products, the user should determine the suitability of the product for its intended use. SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEPT THAT THE PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL. IN NO EVENT SHALL THE SELLER BE RESPONSIBLE IN ANY MANNER FOR PERSONAL INJURIES OR PROPERTY DAMAGE, OR ANY OTHER TYPE OF LOSS RESULTING FROM THE USE OF THIS PRODUCT. Nothing contained herein is to be considered to imply the nonexistence of any practice any patented invention, covered by any patent without permission or authority from the owner of the patent.