



## PRODUCT DATA

# 545C.11

## FOUNDATION TAPE

### DESCRIPTION:

545C.11 is an elastic compound designed to act as a sealant between concrete foundations and metal grain bins, pre-engineered buildings, vaults or other structures. 545C.11 contains 0.125-inch spacers which keep it from squeezing out of the joint and allow it to function as a gasket and sealing material.

Adhesion of 545C.11 is excellent to dry, dust free, commercially clean surfaces such as rubber, asphalt, concrete, glass, plastic, wood, or painted surfaces. 545C.11 has good surface tack and adhesion will accumulate over time. It will form a bond to oil coated wood within 24 hours. It can be applied to surfaces at 35°F and can be molded by hand to fit any shape. 545C.11 bonds firmly to itself and needs no supplemental adhesive.

545C.11 is freeze-thaw stable. It is compatible with most paints but some oil-based paints will stain, test on a small area before applying.

### PROPERTIES:

Property	Test Method	Typical Values
Color	ASTM D1729	Black
Odor		Mild to none
Service Temperature		-40°F to 180°F
Cone Penetration, 300 g	ASTM D217	80 – 90 dmm
% Solids	ASTM C771	>99% by weight
Specific Gravity	ASTM D297	0.98 ± 0.05 g/cm <sup>3</sup>
Weight per Gallon		8.2 ± 0.5 pounds per gallon
Tensile Yield	ASTM C907	40 psi with cohesive failure
Elongation	ASTM C907	200% @ 0°F 1000% @ 77°F
Weatherability	ASTM D750	No apparent change of physical properties after 1000-hours QUV exposure.
Dielectric Strength		21,000 volts @ 1/8-inch thick
Chemical Resistance	96-hours immersion @ 120°F	No weight loss or change in consistency exposed to: <ul style="list-style-type: none"><li>- 58% and 85% phosphoric acid solution</li><li>- 35% nitric acid solution</li><li>- 35% hydrochloric acid solution</li><li>- 35% sulfuric acid solution</li><li>- 35% sodium hydroxide solution</li><li>- 60% ammonium nitrate solution</li><li>- 25% urea solution</li></ul>
Exposure Resistance		No deterioration exposed to: <ul style="list-style-type: none"><li>- 1,800-hours salt spray</li><li>- 5-years underground exposure</li></ul>
Shelf Life		Minimum 1-year when stored in the original container at normal warehouse temperatures.

## **deVan Sealants, Inc.**

6301 Prescott Avenue · P.O. Box 470375

St. Louis, MO 63147

(314) 383-1941 · Fax (314) 383-6491

[www.devansealants.com](http://www.devansealants.com)

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