

## 2-Part Potting/Encapsulating Compound RTV11

### Primary Characteristics

- ▶ [White Flowable](#)
- ▶ [Condensation cure](#)
- ▶ [Primer](#) required
- ▶ [General purpose potting](#)
- ▶ [Room temp. cure](#)
- ▶ [Requires parts A and B](#)

### Use for :

- ▶ Medical molds/ instruments
- ▶ High voltage power supply potting
- ▶ General purpose electrical potting

A white, two component, low viscosity potting compound that cures at room temperature to a soft pliable rubber. Will cure in deep sections. The excellent electrical properties make it a candidate material for both high and low voltage electrical assemblies. Cushions against mechanical shock and vibration. The product comes complete with catalyst DBT. [Specialized catalysts](#) are available upon request.

### Available Sizes

Catalog Number	Sizes Available	Description
RTV11-1P	1 pint	case of 12
RTV11-1G	1 gallon	12.1 lbs kit

RTV11 requires a primer. Visit our [primer guide](#) for details.

### Specifications

Use	General Purpose Potting
Special Feature	Cushions against mechanical shock
Standards	FDA
NSN	8030-01-104-5392
Cross Reference	RTV11
<b>Uncured Properties</b>	
Consistency	Flowable
Color	White
Specific Gravity	1.19
Pot Life (@ 25°C / 77°F)	1.5 hours
Cure Through Time	24 hours
Useful Temp. Range	-60°C to 204°C (-75°F to 400°F)
<b>Cured Properties - MECHANICAL</b>	
<a href="#">Hardness</a>	41 (Shore A)
Tensile Strength	2.06 MPa (300 psi)
Elongation	160%
Tear Strength	3.5 Kg/cm (20 lb/in)
<b>Cured Properties - ELECTRICAL</b>	

Volume Resistivity	1 x 10 <sup>13</sup> ohm · cm
Dielectric Strength	515 V/mil
Dielectric Constant	3.3 @ 1000 Hz
<b>Cured Properties - THERMAL</b>	
Thermal Conductivity	0.29 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	25 x 10 <sup>-5</sup> (°C) <sup>-1</sup>
<b>Other</b>	
<a href="#">Viscosity</a> (@ 25°C)	11,000 cps
Mix Ratio (by weight)	100:0.5