



# Silicones, Inc.

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*RTV-2 Silicones Since 1974*

## XT-386

### Product Information

#### General Information

**XT-386** is a variation of GI-311. **XT-386** only requires the addition of **T.O.** tin catalyst, to achieve a rapid cure.

#### Typical Properties

##### Uncatalyzed Compound

<b>Color</b>	Base: Buff	Activator: amber
<b>Viscosity (cps)</b>	Base: 10,000 - 12,000	Activator: na
<b>Mixing Ratio (B/A)</b>	By weight: 100 / varies	
<b>Mixed Viscosity</b>	10,000 - 12,000	
<b>Shelf Life</b>	6 months	

##### Vulcanized (cured) Properties (7 days @ 70° F / 50% relative humidity)

<b>XT-386 Base</b>	400 parts	200 parts	100 parts
<b>T.O.</b>	1 part	1 part	1 part
<b>Working Time (hours)</b>	:35	:10	:03
<b>Demold Time (hours)</b>	2:00	:20	:10
<b>Shore A</b>			
<b>After 2 Hours</b>	5	40	40
<b>After 4 Hours</b>	30	48	48
<b>Tear Resistance (ASTM D624)</b>	20 ± 5 ppi		
<b>Tensile Strength (ASTM D412)</b>	325 ± 25 psi		
<b>Elongation (ASTM D412)</b>	150 ± 15 %		
<b>Service Temperature (° F)</b>	-60 to 425		
<b>Shrinkage</b>	0.20 %		
<b>Specific Gravity</b>	1.14		
<b>Coverage (in<sup>3</sup> / lb)</b>	24.3		
<b>Dielectric Strength (volts/mil)</b>	575		
<b>Dielectric Constant (@ 100 HZ)</b>	3.0		
<b>Dissipation Factor (@ 100 HZ)</b>	0.010		
<b>Volume Resistivity (ohms/cm)</b>	1 x 10 <sup>13</sup>		

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