

# RTV-2 XP-573

Silicone Rubber, RTV-2

Silicones, Inc.

Message:

Specialty platinum cured silicone designed for animatronics where small, precise movements of the robotics are required. This material is not designed for most animatronic applications. Please refer to other Silicones, Inc. silicones for a wider range of materials.

General Information		
Uses	Electrical Parts	
	Electrical/Electronic Applications	
Forms	Gel	
Physical	Nominal Value	Unit
Specific Gravity	1.08	g/cm <sup>3</sup>
Uncured Properties	Nominal Value	Unit
Color		
-- <sup>1</sup>	Clear/Transparent	
-- <sup>2</sup>	Clear/Transparent	
Viscosity		
-- <sup>3</sup>	1.0	Pa · s
-- <sup>4</sup>	44	Pa · s
Curing Time	16 to 18	hr
Pot Life	150	min
Cured Properties	Nominal Value	Unit
Shore Hardness		
Shore A <sup>5</sup>	3	
Shore A <sup>6</sup>	4	
Shore OO <sup>7</sup>	53	
Shore OO <sup>8</sup>	54	
Tensile Strength <sup>9</sup>	0.600 to 0.779	MPa
Tensile Elongation at Break <sup>10</sup>	710 to 780	%
Tear Strength <sup>11</sup>	13.7 to 14.7	kN/m
NOTE		
1.	Activator	
2.	Base	
3.	Activator	
4.	Base	
5.	1 Day	
6.	7 Days	
7.	1 Day	

8.	7 Days
9.	7 Days
10.	7 Days
11.	7 Days

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#### Recommended distributors for this material

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