

# Stainless Steel Putty (ST)

Stainless Steel Putty from Devcon as the name suggest is a stainless steel-filled Epoxy meant for rebuilding and repairing stainless steel equipment. It repairs cracks, dents or breaks in stainless steel machinery & castings; rebuilds dairy equipment; repairs stainless steel holding tanks.

It is widely accepted for use in meat and poultry plants. Machinable to metallic finish it is resistant to chemicals and most acids, bases, solvents and alkalis. The product is chemically accepted for use in USDA inspected plants.

## RECOMMENDED APPLICATIONS

- ▶ Repairs cracks, dents, and breaks in stainless steel machinery or castings
- ▶ Rebuilds dairy equipment
- ▶ Repairs stainless steel holding tanks

### TYPICAL PROPERTIES

Colour	Dark Grey
Mix ratio by volume	3.70:1
Mix ratio by weight	11:1
% solids by Volume	100
Pot life munites @ 25°C	58 min.
Specific volume cm <sup>3</sup> /kg	447
Cured shrinkage	0.0010 in./in.
Specific gravity	2.5 gm/cc
Temperature resistance	Dry: 121°C; Wet: 49°C
Coverage/kg	894 cm <sup>2</sup> @ 5mm
Cured hardness	85D
Dielectric strength kv/mm	1.2
Adhesive tensile shear	16 mpa
Compressive strength	58 mpa
Flexural strength	5280 psi
Coefficient of thermal expansion	61X10 <sup>-6</sup>
Thermal conductivity	1.23 [(calxcm)/(sec.xcm(2)x°C)]x10(-3)
Cure time	16 hrs.
Recoat time	4 hrs.
Mixed viscosity	Putty

### CHEMICAL RESISTANCE

7 Days Room Temperature Cure, 30 days immersion

1,1,1-Trichloroethane	Very good
Ammonia	Very good
Cutting Oil	Very good
Gasoline (Unleaded)	Very good
Hydrochloric 10%	Fair
Kerosene	Very good
Methyl Ethyl Ketone	Poor
Methyl Ethyl Chloride	Poor
Sodium Chloride Brine	Very good
Sodium Hydroxide 10%	Very good
Sulfuric 10%	Fair
Xylene	Very good

## ORDERING INFORMATION

Item	Unit Size	Stock No.
Stainless Steel Putty	500gm	10271

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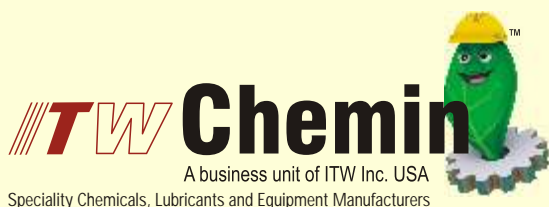


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