

# Aluminium Putty (F)

Aluminium-filled epoxy putty from Devcon is excellent for dependable non-rusting repairs to aluminium castings, machinery and equipment widely used in HVAC applications. Used to patch aluminium castings, repair jigs, dies and holding fixtures, it bonds to aluminium, fillings voids or pores in castings. Can be machined, drilled or tapped using conventional metalworking tools. Use on applications requiring an aluminium, non-rusting finish.

## TYPICAL PROPERTIES

Colour	Aluminium
Mix ratio by volume	4:1
Mix ratio by weight	9:1
% solids by volume	100
Pot life minutes @ 25°C	60 min.
Specific volume cm <sup>3</sup> /kg	632
Cured shrinkage	.0008 cm./cm.
Specific gravity	2.33
Temperature resistance	Dry 121°C
Coverage/kg	858 cm <sup>2</sup> @ 5mm
Cured hardness	85D
Dielectric strength kv/mm.	3.9
Adhesive tensile shear mpa	18
Compressive strength mpa	58
Coefficient of thermal expansion	52X10 <sup>-6</sup>
Thermal conductivity	1.73 [(calxcm)/(secxcm(2) x°C)]x10 <sup>(-3)</sup>
Cure time	16 hrs.
Recoat time	4 hrs.
Mixed viscosity	Putty

## CHEMICAL RESISTANCE

7 Days Room Temperature Cure, 30 days immersion

Ammonia	Poor
Cutting Oil	Very good
Gasoline (Unleaded)	Very good
Hydrochloric 10%	Very good
Kerosene	Very good
Methyl Ethyl Ketone	Poor
Methylene Chloride	Poor
Sodium Chloride Brine	Very good
Sodium Hydroxide 10%	Poor
Sulfuric 10%	Very good
Sulfuric 50%	Poor
Xylene	Fair

**ORDERING INFORMATION**

Item	Unit Size	Stock No
Aluminum Putty (F)	500gm	10611

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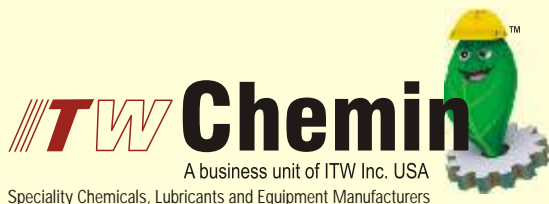


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