

# Plastic Steel 5-minute Putty (SF)



Fast curing steel filled epoxy for emergency repairs. Returns equipment to service in less than 1 hour. Plastic steel 5-minute Putty bonds to all metals, ceramic, glass & even oily surfaces. It saves equipment/plant shutdown and minimizes production loss. Applies easily to vertical surfaces and is machinable.

## RECOMMENDED APPLICATIONS

- ▶ Leakages in pipes/tanks carrying oil/compressed air/gas/chemicals
- ▶ Oil leakages in transformers, capacitors & reactors
- ▶ Fuel tanks, sumps, lubricating lines & tanks of HEMM/SDL/LHD/light vehicles
- ▶ Radiator tubes of HEMM/SDL/LHD
- ▶ Leakage from gearbox covers, sumps
- ▶ Leakage from welded joints



## TYPICAL PROPERTIES

Mix ratio, resin:hardener	(By vol) 1 : 1 (By wt) 1.7 : 1
Specific volume, cm <sup>3</sup> /kg	509
Viscosity w/hardener, CPS	Putty
Pot life, minutes @ 25°C	5
Operating temperature, maximum °C	93
Cured hardness, Shore D ASTM D 2240	86
Compressive strength, N/mm <sup>2</sup> ASTM D 695	72
Flexural strength, N/mm <sup>2</sup> ASTM D790	53
Adhesive tensile shear, N/mm <sup>2</sup> ASTM D 1002	14
Cure shrinkage, cm <sup>2</sup> /cm ASTM D2566	0.0090
Colour	Dark Grey
Coverage cm <sup>2</sup> /kg @ 5mm	1018

## CHEMICAL RESISTANCE

7 Days Room Temperature Cure, 30 days immersion

Petrol/Transformer Oil	Very good
Hydrochloric Acid, 10%	Fair
MEK	Poor
Sulphuric Acid, 10%	Fair
Methanol	Poor
Toluene	Very good
Ammonia	Very good
Sodium Hydroxide, 10%	Fair
Gasolene (Unleaded)	Very good

## ORDERING INFORMATION

Item	Unit Size	Stock No.
Plastic Steel 5-minute Putty SF	500g	10241

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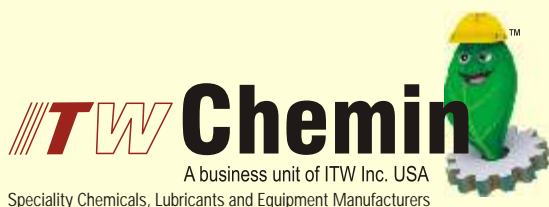


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