



# TC-533

## HI-TEMP FLEXIBLE SOLDER MASK (Pull off/ Peelable Rubber)

### USAGE AND UNIQUE CHARACTERISTICS

TECHFORM's TC-533 is a high temperature flexible solder masking compound specially formulated and technically enhanced so it can be applied to those areas of printed circuit boards which require making during a wave soldering process. This versatile TECHFORM product effectively makes and protects the boards from the time it is manufactured, through all assembly and flow operations. TC-533 can remain on the protected area of the board until ready for test, and then, with only a mild pulling action by hand or with tweezer-like tools, can easily be peeled away without leaving a residue. Other efficiency and economical advantages of this leading TECHFORM product are :

- Prevents solder from flowing into contacts, terminals, screw heads, and plated through holes.
- Will not tarnish gold, silver or phosphor bronze.
- Protects delicate components
- Easily applied by automatic dip, brush or flow methods, direct from applicator bottle, silk screen process, and commercial dispensing methods.
- Withstands temperature up to 500°F for sufficient time for flow soldering operations
- Prevents contamination during assembly operations
- Completely Biodegradable

### SPECIFICS :

Shelf life	(at 77°F)	6 Months
Viscosity Range	(at 77°F)	Standard-heavy bodied-thixotropic (9,000 ~ 13,000 cps)
Color		White

### Application :

Parts to be protected should be free from oil, grease, silicones, etc. TC-533 can be applied from 5 to 30 mils, optimum 10 mils, by dip, brush or flow methods, direct from applicator bottle, silk screen process, and commercial dispensing methods. TC-533 can be thinned with water, and, equipment can be cleaned with prior to cure.

### Curing Information :

A thin coat of TC-533 will cure in approximately 30 to 60 min at room temperature or 10 to 30 min at 150°F. Warming the mold prior to application with expedite cure.

**Packaging :** 250g/Bottle.

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