

Duralco™ 4540

500°F Adhesive and Tooling Compound

Maintains High Bond Strength at High Temp.

- *Cures at Room Temp. to Form a Machinable Composite*
- *Maintains High Bond Strength at High Temperatures*
- *Excellent Chemical, Corrosion and Shock Resistance*



Repairs an Assembly

Fills, Seals, Patches & Repairs

Duralco™ 4540 is an active aluminum metal, filled epoxy that offers outstanding adhesion, ductility, thermal conductivity and shock resistance.

Just mix and apply. No solvents. No outgassing No complicated two or three stage cure cycles.

Duralco 4540 is commonly used for high performance bonding and repair in appliances, aerospace, automotive, electronics, instrumentation, motors, chemical processing equipment etc.

Users Report:

Duralco 4540 cast cast heated molds for injection molding of plastic parts. 4540's high thermal conductivity and durability resulted in highly detailed parts with exceptional wear resistance.

Applications include: repairing leaks, solder joints, cracks, holes, castings, heating elements, cooling coils, high temp instruments assemblies etc.

Duralco 4540 is the ideal choice for any high temperature application requiring a machinable epoxy high bond strength and up to 500°F service

Physical Properties

Max. Use Temp.	500°F
Components	2
Mix Ratio (by wt.)	100 / 9
Viscosity	30,000 cps
Density	1.9 gms/cc
Hardness	80 Shore D
Tensile Strength	10,000 psi
Elongation	1.2 %
Shrinkage	0.1 % max
Moisture Absorption	0.2 % (30 days @ 50°C)
Thermal Expansion	4.1 x 10 ⁻⁵ /°C
Thermal Conductivity	35 BTU in/hr.°F Ft. ²
Volume Resistivity	10 ⁸ ohm-cm

Availability:

Cat #	Description
Duralco 4540-1	Pint Kit
Duralco 4540-2	Gallon Kit

Also Available in:

*Epox-Eez 10 gm., 25 gm. and 50 gm. Pre-Measured Kits
Quantity Prices on Request.*

Distributed By:



COTRONICS CORPORATION

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