

High Temperature Epoxies

Duralco®

Adhesives, Fillers and Coatings

Duralco 4525IP

260°C Electrically Resistant

Cures at room temperature, or in 5 minutes at 120°C, to provide high temperature stability, high bond strength, low shrinkage, low moisture absorption and excellent chemical and electrical resistance. Ideal for high performance bonding, potting, sealing, repairs and casting.

Duralco 4525IP-1 Pint kit

Duralco 4525IP-2 Gallon kit

Also available in pre-measured kits, please contact us for details.

Duralco 4538

230°C Super Flexible

Provides a high level of thermal shock and vibration resistance, sound absorption and excellent adhesion to dissimilar substrates. Adheres to most plastics, metals, ceramics, glass, rubber and even Teflon (treated). Provides the flexibility of silicones and the chemical stability of epoxies. This variable system can be tailored to meet any application just by varying the mix ratio of resin to hardner, resulting in the flexibility required.

Duralco 4538-1 Pint kit

Duralco 4538-2 Gallon kit

Also available in pre-measured kits.

Duralco 4461IP

260°C Low Viscosity

A free flowing liquid adhesive, ideal for ultra thin bond lines, impregnating, coating and encapsulation. Cures at room temperature to provide chemical, solvent and corrosion resistance.

Duralco 4461-1 Pint kit

Duralco 4461-2 Gallon kit

Slow setting version

Duralco 4461SS-1 Pint kit

Duralco 4461SS-2 Gallon kit

Also available in pre-measured kits, please contact us for details.



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Duralco 4460

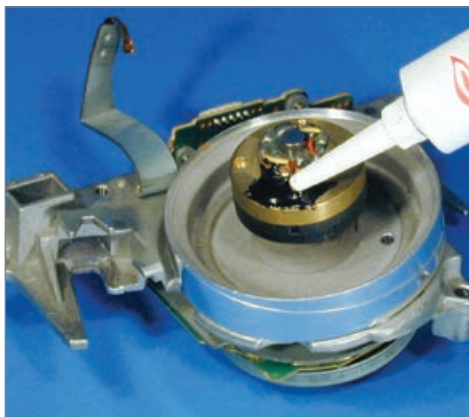
315°C Low Viscosity

For encapsulating and impregnation with a superior temperature rating, 4460 forms a protective coating, seals and protects against moisture, chemicals and corrosion. Provides high bond strength, high temperature stability and low moisture absorption. Requires a thermal cure cycle. Duralco 4460 is commonly found in aerospace, electronic, appliance, instrumentation and equipment applications

Duralco 4460-1 Pint kit

Duralco 4460-2 Gallon kit

Also available in pre-measured kits.



Duralco 4700

315°C Bonding Adhesive

An exceptionally durable epoxy, 4700 has excellent adhesion to metals, glass, ceramics and most plastics. This superior adhesive has high electrical resistance, low moisture absorption, high temperature stability and excellent chemical resistance. Requires thermal cure cycle.

Duralco 4700-1 Pint kit

Duralco 4700-2 Gallon kit

Also available in pre-measured kits, please contact us for details.



Duralco 4703

340°C Adhesive Tooling Compound

A composite of unique high temperature resins, metallic and ceramic particles, 4703 provides the ultimate in stability and strength in high temperature environments. It has excellent resistance to most chemicals, solvents and acids and is easily machined to close tolerances. Requires a thermal cure cycle.

Duralco 4703-1 Pint kit

Duralco 4703-2 Gallon kit.

Also available in pre-measured kits, please contact us for details.

High Temperature Epoxies

Overview

Adhesives, fillers and putty



Duralco 4540

260°C Machinable Casting and Repairs

4540 is an active aluminium 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 4540-1 Pint kit
- Duralco 4540-2 Gallon kit



Durabond 454 and 456

260°C Machinable Non-Sag Putty

A smooth, creamy putty that easily cures at room temperature to form an aluminium based, highly machinable, composite. Ideal for patching leaking pipes, valves and fittings; repairing pumps, machinery and equipment.

- Duralco 454B-1 0.5Kg
- Duralco 454B-2 2.0Kg
- Duralco RK454 (Aluminium) applicator kit*
- Duralco RK456 (Stainless) applicator kit*

*Repair kit consists of 2.5 oz Resin, 0.6 oz Hardener, Sandpaper, Mixing Sticks, Reinforcement Screen.



Duralco NM25

230°C Magnet Bonding Adhesive

A proven adhesive for bonding magnets while withstanding high temperatures. It is free of magnetic particles or conductive fillers which would interfere with magnetic fields while in use. Just mix and apply. It cures at room temperature to provide excellent chemical, solvent and moisture resistance. It will form thin bond lines and is ideal for use in applications with minimum clearances. Also available as non-sag putty (HV) or high temperature 315°C (HT) versions.

- Duralco NM25-1 Pint kit
- Duralco NM25HV-1 Pint kit
- Duralco NM25HT-1 Pint kit

