



Scan Me



Castle



Authorised Distributor
Industrial Products

3M™ EPX Structural Adhesives

No Welding, Mechanical Fasteners or Rivets Required.

PRODUCTS SHEET

Whatever your bonding requirements, 3M™ Scotch-weld EPX structural adhesives offer durability, advanced strength, low odour and improved aesthetics. We offer a wide range of structural adhesives, nozzles, applicator guns and plungers to suit many design and manufacturing requirements.

Design Options: Ideal for metal-to-metal bonding. Bonds multiple materials, such as metal to plastic. Enables smaller joints which take up less space.

Improve Aesthetics: Replaces rivets, welds and screws. Provides invisible joints and creates smoother bond lines.

Lightweighting: Eliminate the weight of mechanical fasteners. Use thinner, lighter materials. Build with composites and hard-to-bond plastics.

Advanced Strength & Durability: High-strength durable bonds that resist high temperatures, solvents and outdoor weathering.



3M™ EPX Structural Adhesives also provide:

- High shear and peel strengths, making them ideal for general industrial, sporting goods, transportation, appliance, electronics and military applications.
- A work life (open time) that lasts anywhere from a few minutes to several hours for precise positioning.

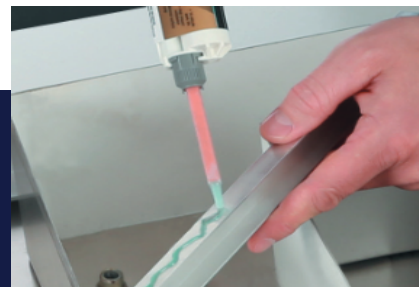
On the overleaf there is just a small selection of our 3M™ EPX Adhesives. We offer many more products within this range. If you have a requirement you would like to discuss please contact your Area Sales Manager or nearest branch.



High impact resistance for strong durable bonds.



Strong chemistry for durable bonds.



Precise and even flow.

3M™ DP490 Scotch-Weld™ EPX Adhesive

DP490

Two-part black epoxy adhesive

- Non sag paste, good gap filler
- Very tough and durable
- Bonds composite materials, metals and most plastics
- Work life 90 mins / Handling time 4-6 hours



3M™ DP804 Scotch-Weld™ EPX Adhesive

DP804

Two-part clear acrylic adhesive

- Good impact resistance
- Excellent peel and shear strength
- Particularly good bond to polycarbonate and PMMA (acrylic etc.)
- Work life 3 mins/ Handling time 4 mins



3M™ DP810 Scotch-Weld™ EPX Adhesive

DP810

Two-part acrylic green adhesive

- Low odour
- Tough and durable bonds
- Bonds metals including stainless steel, most plastics, wood, ceramics etc.
- Work life 10 mins/ Handling time 20 mins



3M™ DP8407NS Scotch-Weld™ EPX Adhesive

DP8407NS

Two-part grey acrylic adhesive

- The metal bonding adhesive of choice, also bonds most plastics
- Non sag
- Toughened adhesive, offers excellent shear, peel and impact resistance
- Work life 5-7 mins/ Handling time 22-26 mins



3M™ DP8005 Scotch-Weld™ EPX Adhesive

DP8005

Two-part translucent acrylic adhesive

- Excellent water/ humidity resistance
- Bonds dissimilar materials
- Bonds plastics including polypropylene, polyethylene, metals and most rubbers
- Work life 2 - 3 mins/ Handling time 2-3 hours



3M™ DP8405NS Scotch-Weld™ EPX Adhesive

DP8405NS

Two-part green acrylic adhesive

- Non sag
- Outstanding peel, shear and impact resistance
- Bonds many plastics, metals, including slightly oily surfaces
- Work life 4 - 6mins/ Handling time 14 - 16mins



Castle Tapes and Industrial Solutions

Nottingham T: 0115 939 6061
E: Nottingham@castletis.co.uk

Walsall T: 01922 626664
E: Sales@castletis.co.uk



@Castle.TIS



linkedin.com/company/castle-tis



castletis.co.uk