BODO MÖLLER CHEMIE

Engineer chemistry

3M™ Scotch-Weld™ 2-component acrylate-based construction adhesive

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3M™ Scotch-Weld™ acrylic adhesives are particularly characterized by their suitability for bonding plastics with low surface energy (PE, PP, TPE). They withstand extreme temperatures, develop their strength quickly and are characterized by high impact and peel resistance. They are suitable for bonding most plastics, aluminum, steel, as well as oily metal surfaces. 3M™ acrylic adhesives are quick and easy to apply and provide bonds that replace metal fasteners for improved aesthetics. 3M™ Scotch-Weld™ acrylic adhesives are available in low-odor and non-flammable versions.

Advantages of 2-component acrylic adhesives

- Suitable for plastics with low surface energy (PE, PP, TPE)
- Fast strength build-up
- Increased impact strength
- Longer shelf life and easier storage
- Low odor development
- Low surface pretreatment required

Application of 2-component acrylic adhesives

Automotive, Construction, Consumer Goods, Electronics, Medical Devices, Metal Fabrication, General Industry, Defense and Military, MRO, Signage, Specialty Vehicles, Transportation and Traffic.

Examples from the wide product range:

3M™ Scotch-Weld™ DP8005

- High strength and fast bonding of plastics with low surface energy (PE, PP, TPE)
- High shear strength - good peel strength - good impact strength
- Easy and practical to use - for consistently high and consistent quality in the bonding process
  Maximum strength due to uniform distribution of load and tension over the entire bonding area

3M™ Scotch-Weld™ DP8010

- Ideal for low surface energy materials
- For bonding low surface energy plastics such as polypropylene, polyethylene and thermoplastic elastomers (TPEs)
- For bonding plastics to metals, as in the manufacture or repair of household appliances

Have we aroused your interest? Then contact our specialists now - we will be happy to advise you:

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