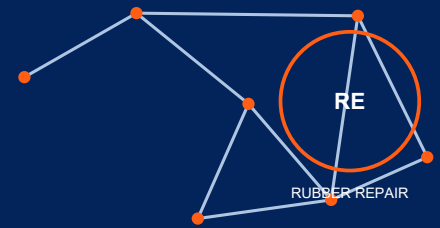


ZDS-RubberElast™ · RE SERIES

ZDS-RE3003

High-Strength Cold-Vulcanizing Rubber Adhesive



Product Description

High-Strength Cold-Vulcanizing Rubber Adhesive

Service Temperature

-35 to 120°C

Mixing Ratio

A:B = 100:4

Cure Schedule

24 h

Core Advantages

- ✓ High mechanical and bonding strength
- ✓ Cold-applied elastomeric repair
- ✓ Flexible bonding and sealing

Applications

Conveyor belts, protective linings, metal components; bonding.

Technical Data

Shear strength	5 MPa
Hardness	Shore D 65
Dielectric strength	16
Service Temperature	-35 to 120°C
Mixing Ratio	A:B = 100:4
Cure Schedule	24 h

Typical Application Parameters

Product Form	Adhesive
Mixed Color	Typical: Black
Application Temperature	Recommended: 10°C to 35°C
Working Time (25°C)	Typical: 30-45 min
Recommended Layer	Recommended: 0.2-1.0 mm bond line
Initial Cure (25°C)	Typical: 4-6 h

Application Guidance & Storage

- Surface preparation: Clean and roughen rubber or metal; remove release agents, oil and dust. Use a compatible primer where required.
- Application: Measure the stated ratio, mix until uniform, then apply and compact to minimise entrapped air.
- Environment: Keep the substrate at least 3°C above dew point. Cold extends cure; heat shortens working time.
- Storage & safety: Store sealed at 5-30°C in a cool, dry place; typical shelf life 12 months. Use gloves and eye protection; consult the SDS.

Application values marked Typical or Recommended are engineering guidance derived from the product type, stated performance and intended use. Confirm critical project parameters by application testing.