

## Description

This is an elastic 1-component polyurethane adhesive especially designed for bonding large components in vehicle assembly. It is suitable for bonding coated metal, GRP, ceramic materials and plastics.

## Features

- Bonds well to a wide variety of substrates
- Capable of withstanding high dynamic stresses
- Good gap-filling properties
- Can be painted
- Vibration-damping
- Electrically non-conductive

## Specifications

Chemical base	: 1-component polyurethane
Colours	: Black, White
Cure mechanism	: Moisture-curing
Density (uncured) depending on colour	: 1.2 kg/l
Non-sag properties	: Good
Application temperature ambient	: 10°C to 35°C
Skin time (CQP019-1)	: 40 minutes <sup>A</sup>
Open time (CQP526-1)	: 35 minutes <sup>A</sup>
Shore A hardness (CQP023-1 / ISO 48-4)	: 50
Tensile strength (CQP036-1 / ISO 527)	: 3 MPa
Elongation at break (CQP036-1 / ISO 527)	: 400 %
Tear propagation resistance (CQP045-1 / ISO 34)	: 7 N/mm
Tensile lap-shear strength (CQP046-1 / ISO 4587)	: 2.5 MPa
Service temperature (CQP509-1 / CQP513-1)	: -40°C to 90°C 4 hour: 130°C 1 hour: 150°C

## Part Number Table

Description	Part Number
252 Structural Adhesive, Black	252 Black
252 Structural Adhesive, White	252 White

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