

UHU[®] METALL

FAST ADHESIVE FOR METAL TO METAL AND MANY OTHERS



PRODUCT DESCRIPTION

Drip-free contact glue on base of polychloroprene for super strong and highly heat resistant bonds of metal with metal and with many other materials. UHU metall kontaktkleber is reliable and has an extraordinarily high bond strength in the contact bonding process. UHU metall kontaktkleber is the ideal adhesive for the home hobbies, repairs, craft work, and wherever a really high bond strength is required.

FIELD OF APPLICATION

Suitable for metal and metal alloys (steel, aluminum), also in combination with wood, glass, leather, rubber and many plastic materials. UHU metall kontaktkleber is particularly suitable for bonds on upright areas or over top. Also for bonds which are exposed to strong sunlight or are located near heating. UHU metall kontaktkleber is the ideal adhesive for the home hobbies, repairs, craft work, and wherever a really high bond strength is required. Not suitable for Styrofoam[®], soft pvc, PE, PP

PROPERTIES

- Fast gel (thixotropic) consistency
- For metal to metal and metal to many other materials
- Particularly suitable for bonding on vertical surfaces
- Temperature resistant from -20°C to + 125°C
- Ageing resistant, i.e. it does not become brittle
- Remains elastic and flexible after drying.
- The dry layer of adhesive retains its viscoplastic character.

PREPARATION

Working conditions: approx. +15°C and +30°C

Surface requirements: The surface must be dry, clean and free of dust and grease.

APPLICATION

Directions for use:

Apply UHU metall kontaktkleber onto both sides equally using a toothed spatula or a short haired paintbrush. Spread very absorbent materials (e.g. leather, fabric, felt) several times with adhesive until a well visible adhesive film remains. Do not join the parts together immediately but allow them to dry for approximately 10-15 minutes (touch dry). Then carefully position the surfaces and press them together strongly for a short time. A later adjustment is no longer possible. The strength of the final bond is dependant on the pressure applied not on the time it is applied for (seconds are sufficient for pressure). After a correct bond the parts can be further treated immediately.

Stains/residue: To remove adhesive residues and to clean the equipment, Butanone (MEK), ethyl acetate and thinner for nitrocellulose lacquer should be used.

Points of attention: It contains volatile, highly flammable solvents. Therefore corresponding safety measures are to be taken regarding processing and storage. When gluing larger areas, please ensure that the work area is well ventilated.

TECHNICAL PROPERTIES

Water resistance: Very good

Temperature resistance: -20 to +125°C

Chemicals resistance: oil, fat, diluted acids and alkalines

TECHNICAL SPECIFICATIONS

Appearance: yellowish, cloudy

Chemical base: chloroprene caoutchouc

Consistency: Gel (thixotropic)

Solid matter: approx. 25 %

Density: approx. 0,86 g/cm³

Specifications: Solvent: mixture out of esters and aliphatic solvents

Flash point [°C]: -4

Consumption depending on application and structure of the surface: approximately 200 – 250 g/m²

STORAGE CONDITIONS

Store in tightly closed packaging in a dry, cool and frost-free place.

PACK SIZES

30 g