

Technical Data Sheet

ISOGLUE®

255



Description

ISOGLUE 255 is a solvent based contact adhesive designed specially for uniform and safe seam bonding of flexible insulation materials like elastomeric pipes and sheets applied on high temperature lines. Suitable for application on pipes and tanks with service temperatures up to 120°C.

Technical Data

Properties	Technical Data
Chemical Base	Polychoroprene Rubber with resins.
Solids Content	21.5 ±1%.
Viscosity	1800 ± 300 cps. (Brookfield RVT sp.n°4 @ 25°C)
Application	Roller, Brush or Spatula
Coverage	3-4 m ² / litre
Storage	Store in original unopened containers at temperatures between 5°C - 40°C.
Product Life	18 months can be expected if stored in above-mentioned conditions.

The mentioned values are these which have been measured in our laboratory, under typical conditions. They can be modified without prior notice. You are kindly requested to assert their validity before any special use.

Application Method

Surfaces which will receive **ISOGLUE 255** adhesive must be clean, smooth, dry, and free of foreign materials, oil, grease, and other contaminants. Primed and painted surfaces should be adhesive tested to be sure the insulation will not lift off after application. The mating surface shall be cleaned with a brush or clean cloth. Stir the adhesive thoroughly (to achieve a uniform mix with no sediment on the bottom and no marbling evident) before and during use. Restore the adhesive to room temperature prior to use, if exposed to temperatures lower than 15°C for a prolonged period.

Apply uniform adhesive layer to both surfaces to be joined. Allow the adhesive films to become dry to the touch, but tacky, before joining the surfaces (from 10 to 40 minutes after adhesive application, depending on ambient air conditions). Test the adhesive for its dryness, using the touch-push test procedure. Be sure the insulation is in the desired position before the adhesive surfaces make initial contact, since the adhesive forms an instant bond, and repositioning after contact is difficult. Moderate pressure should then be applied to the entire bonding area to ensure complete contact. Allowed to dry for 24 hours before equipment operation, applying coatings, adhesive tape, coverings etc..

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Precautions

At temperatures below + 5°C or high humidity (above approx. 80%), increased condensation may form on the surfaces to be glued or adhesive films. In these cases bonding is bad or impossible. This can be tested by using absorbent paper (blotting or crepe paper).

For professional use only. Avoid heat, sparks, and open flames, and use only proper ventilation. Close container after use.

For additional information please consult the Safety Data Sheet.

The information, and, in particular, the recommendations relating to the application and end-use of this product, are given in good faith based on own current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.

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