



Screen Chemicals



# AUXILIARIES – ADHESIVES FOR SCREEN PRINTING SCREENS

## ADHESIVES FOR SCREEN PRINTING SCREENS

### COLTEX R

Code 163501

**Bi-component polyurethane adhesive for sticking of the meshes to the frames of screen printing screens.**

**PROPERTIES:**

- For WOODEN, IRON and VARNISHED IRON frames
- Good chemical resistance
- Excellent mechanical resistance
- Quick drying
- Indicated for the preparation of screens to be used for printing with WATER BASED and PLASTISOL inks.

**PREPARATION:**

Bi-component product. Mix **COLTEX R** with **5-8% COLTEX HARDENER E**. If necessary, the mixture may be diluted through **DILUENTE 501** in the maximum percentage of 25%. Dilution may be useful in case of a high th/cm number mesh: the higher is the number of th/cm, the higher must be the dilution. The mixture pot-life is **about 3 hours**.

**APPLICATION:**

- Mix the mixture well, before using it.
- Apply the mixture onto the stretched screen through a brush, taking care that the product seeps into the meshes.
- Once the product has been applied, let it dry at room temperature during about 15 - 20 minutes, before cutting the exceeding meshes.
- The sticking power of the adhesive allows to proceed to the subsequent steps for the finishing of the screen (application of the photoemulsion, ...) about 2 hours after application.
- The maximum chemical/mechanical resistance of the adhesive is reached about 24 hours after application.
- The tools must be washed through **SOLVENTE 505** immediately after use.

Package:

**COLTEX R:**

1 and 5 litres

**COLTEX HARDNER E:**

0,800 and 0,050 litres



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<p><b>TENAX HT</b> Code 163512</p> <p>Package: <b>KIT TENAX HT - 1 Kg</b> (adhesive + hardener): 1 Kg <b>Adhesive TENAX HT:</b> 4,5 Kg <b>Hardener TENAX HT:</b> 0,9 Kg</p>	<p><b>Two-component polyurethane adhesive for sticking of the meshes to the frames of screen printing screens.</b></p> <p><b>PROPERTIES:</b></p> <ul style="list-style-type: none"> <li>• Indicated for all kinds of frames: high adhesion onto "difficult" surfaces (ALUMINIUM and GALVANIZED IRON)</li> <li>• Excellent chemical resistance (excellent solvent resistance)</li> <li>• Excellent mechanical resistance</li> <li>• Indicated for the preparation of screens to be used for screen printing</li> </ul> <p><b>PREPARAZIONE:</b> Bi-component product. Mix <b>TENAX HT with 20% TENAX HT INDURITORE</b>. If necessary, the mixture may be diluted through <b>DILUENTE 501</b> in the maximum percentage of 40%. Dilution may be useful in case of a high th/cm number mesh: the higher is the number of th/cm, the higher must be the dilution. The mixture pot-life is <b>30 minutes</b>.</p> <p><b>APPLICATION:</b></p> <ul style="list-style-type: none"> <li>• Mix the mixture well, before using it.</li> <li>• Apply the mixture onto the stretched screen through a brush, taking care that the product seeps into the meshes.</li> <li>• Once the product has been applied, let it dry at room temperature during about 15 minutes, before cutting the exceeding meshes.</li> <li>• The sticking power of the adhesive allows to proceed to the subsequent steps for the finishing of the screen (application of the photoemulsion, ...) about 1 hour after application.</li> <li>• The maximum chemical/mechanical resistance of the adhesive is reached about 24 hours after application.</li> <li>• The tools must be washed through <b>SOLVENTE 505</b> immediately after use.</li> </ul>
<p><b>KIT TENAX HT-L RED</b> Code M4TENAX HT-L</p> <p>Package: <b>Adhesive TENAX HT-L RED:</b> 3,6 Kg <b>Hardener for TENAX HT-L:</b> 0,900 Kg</p>	<p><b>Bi-component polyurethane adhesive for sticking of the meshes to the frames of screen printing screens.</b></p> <p><b>PROPERTIES:</b></p> <ul style="list-style-type: none"> <li>• Indicated for all kinds of frames: high adhesion onto "difficult" surfaces (ALUMINIUM and GALVANIZED IRON)</li> <li>• Excellent chemical resistance (excellent solvent resistance)</li> <li>• Excellent mechanical resistance</li> <li>• Indicated for the preparation of screens to be used for screen printing</li> <li>• Dilution is not needed</li> </ul> <p><b>PREPARATION:</b> Bi-component product. Mix <b>TENAX HTL with 25% CATALIZZATORE per TENAX HTL</b>. The mixture pot-life is <b>30 minutes</b>.</p> <p><b>APPLICATION:</b></p> <ul style="list-style-type: none"> <li>• Mix the mixture well, before using it.</li> <li>• Apply the mixture onto the stretched screen through a brush, taking care that the product seeps into the meshes.</li> <li>• Once the product has been applied, let it dry at room temperature during about 10-15 minutes, before cutting the exceeding meshes.</li> <li>• The sticking power of the adhesive allows to proceed to the subsequent steps for the finishing of the screen (application of the photoemulsion, ...) about 1 hour after application.</li> <li>• The maximum chemical/mechanical resistance of the adhesive is reached about 24 hours after application.</li> <li>• The tools must be washed through <b>SOLVENTE 505</b> immediately after use.</li> </ul>



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### SPECIAL INSTRUCTIONS

- Always test the characteristics of the products, before starting application.
- After use, keep the containers well closed.
- Keep the products away from fire, sparks and heat sources.
- Keep the products at a temperature of 25°C. Lower temperatures may cause the formation of a product sedimentation on the bottom of the pot. In that case, it is recommended to bring the product at a temperature of 25°C during 12 hours again, and carefully re-homogenize before use.

### IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.