

REPAIR KIT

IMPRESSIONS
TEXTILE PRINTING BLANKETS



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CONTENTS OF REPAIR KIT

- Solution-A** : Rubber Solution (Big Bottle)
- Solution-B** : Cross-Linking Agent (Brownish Red Liquid - Small Bottle)
- Powder** : Vulcanizer (White Colour)

PREPARATION OF REPAIR SOLUTION

- As required take Solution A (Rubber Solution) from the big bottle and add 7% to 10% of Solution-B (Cross - Linking Agent) from small bottle. Stir well to make homogeneous mixture. Close solution bottles immediately so that the solution does not harden up due to oxidation.
- 2% Powder (Vulcanizer) should be added in the homogeneous mixture 15 minutes before the application. After adding the powder stir the solution well till the powder is fully dissolved and dispersed in the mixture.

**Solution A +
Solution B (7% to 10%)=
Homogeneous Mixture**

**Homogeneous Mixture +
2% Powder (Vulcanizer)**

The ideal preparation ratio wise is as under:

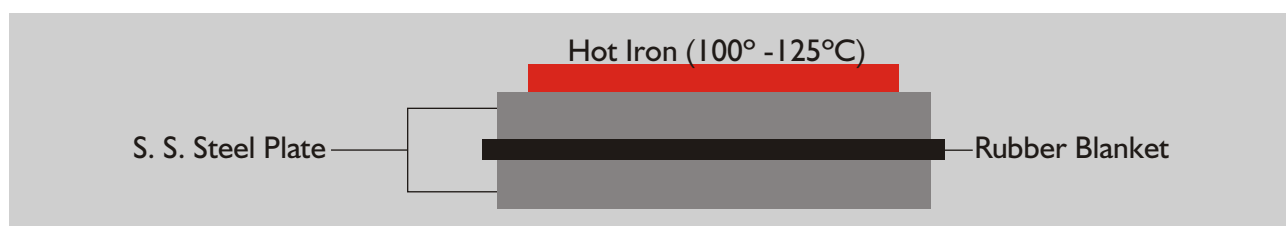
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|----------------------------------|---------------------------|
| Solution A (Rubber Solution) | : 100 Parts |
| Solution B (Cross Linking Agent) | : 7% to 10% of Solution A |
| Powder (Vulcanizer) | : 2% By Total Weight |

CLEANING OF DAMAGED AREA OF BLANKET

- The damaged area of printing blanket should be thoroughly cleaned with a piece of fabric dampened with the solvent. Care should be taken that the solvent is not used in excessive quantity.
- Immediately after the damaged portion is cleaned, dry the area with hot air blower so that all the solvent is evaporated.

PROCEDURE

- At the damaged portion apply a very thin coat of solution mixture so prepared with the help of a rubber scrapper. Once a thin coat is applied dry the area with the help of hot air or infrared lamp. Repeat the procedure till the damaged area is fully covered with rubber solution.
- For reference if the damaged area is 0.5 mm deep then probably 12 to 15 thin coats of solution should be applied and dried simultaneously before applying the next coat.
- Once the damaged area is fully covered with rubber solution, let the blanket rest for 30 minutes for rubber to settle down.
- If you need glossy finish then cover the area with a S. S. Steel Plate and on top of the plate put the hot iron for 20 minutes at temperature in range of 100° to 125° centigrade. Make sure that the dimensions of the S. S. Plate is at least 4 times the size of the iron. This is must so that the impression of plate does not transfer on to the surface of the blanket and also to ensure that by mistake the press does not come in contact with the blanket directly.



Note:

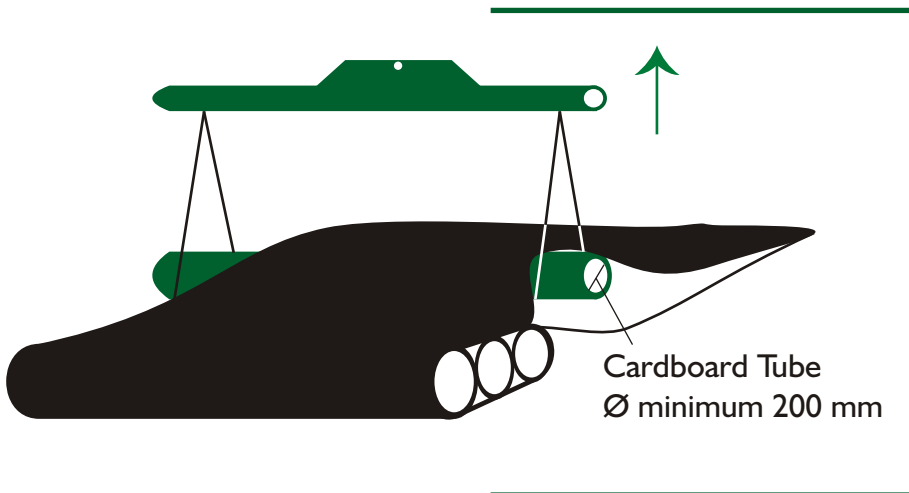
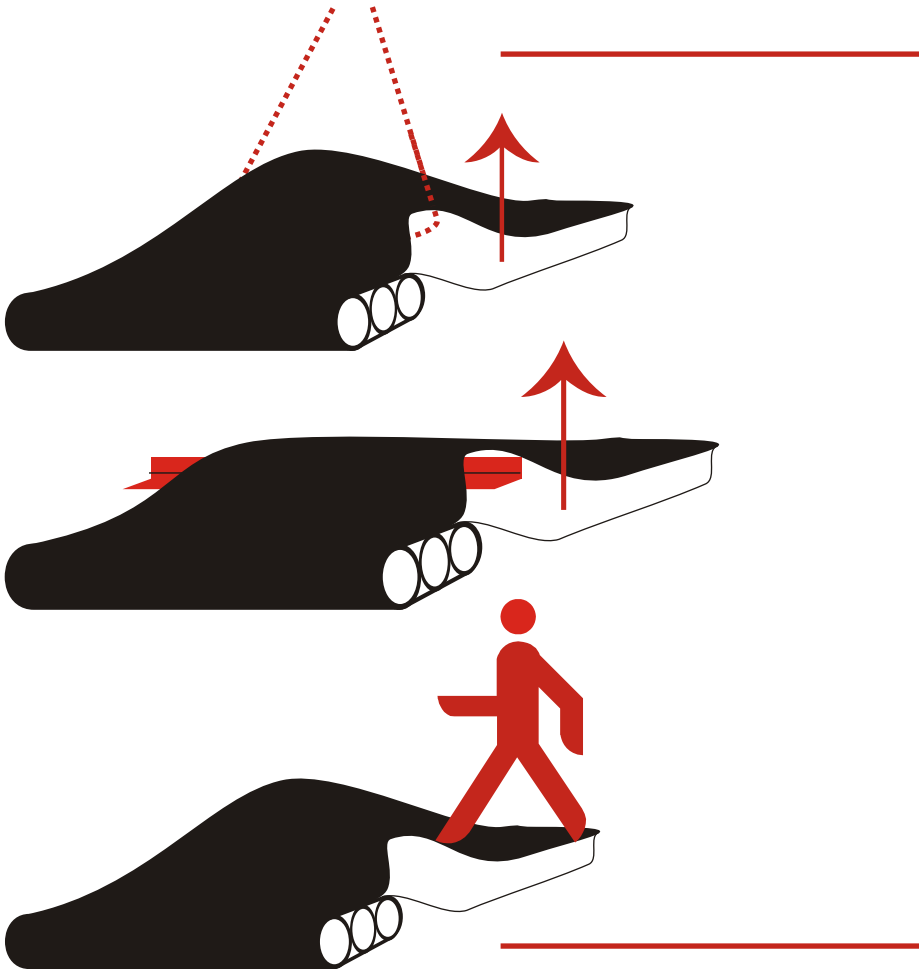
- The mixture so formed will be good for 3-4 hours only. Therefore use small quantities as required.
- The Repair Kit should be stored in dry, cool and dark place.

IMPRESSIONS

TEXTILE PRINTING BLANKETS



**H A N D L I N G
I N S T R U C T I O N S**



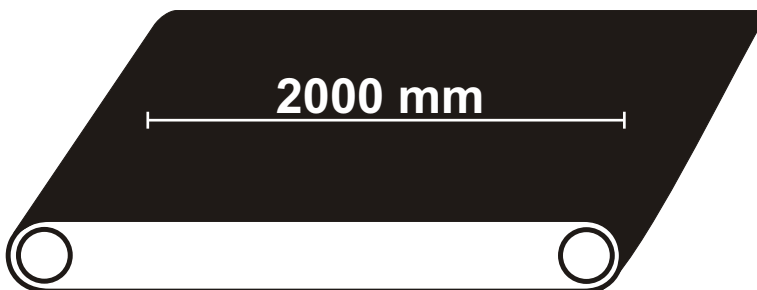
**0.4%
TO
0.6%**

Fitting Tension in the range of 0.4 to 0.6% is essential for perfect tracking of the blanket.

**FITTING
TENSION**

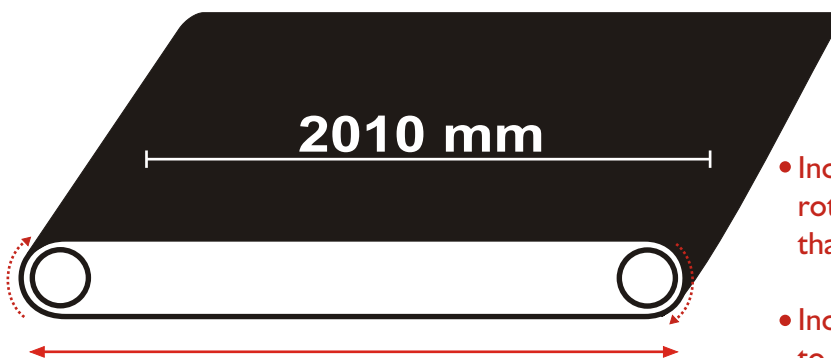
The illustrative example is as under:

Before



- Carefully mark, lengthwise a white line measuring 2000 mm on the surface of the blanket ensuring the tension on the blanket is minimum.

After



- Increase the tension gradually while rotating the blanket on the machine so that the line measures 2010 mm.
- Increase in the white line from 2000 mm to 2010 mm represents fitting tension of 0.5%



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