

R-77

DESCRIPTION

Sometimes the dyers by mistake apply silicone softeners for printable cotton fabrics. This makes them poor water absorbent (hydrophobic) & hence unsuitable for printing with water based printing products (binder, thickener, white paste & inks).

This problem is also prevalent in synthetic fabrics.

This leads to following types of problems:

1. Sometimes printers without checking water absorbency, print on such fabrics then the print will come off which will be a costly disaster.
2. If hydrophobic was detected before printing, then the option was stripping the coating of silicones with acetic acid / Xylene* which is time consuming (see below) & delays orders (*Non – RSL Compliant)

The procedure for removing (Stripping) silicone finish is:

- Prepare the bath 1:15 MLR
 - Add 2% acetic acid (Glacial) and raise the temperature to 60-70 0C
 - Run for 20 minutes & drain
 - Give one hot wash
 - Check with water drop test for absorbency.
 - Xylene usage has been restricted hence above technique is generally adopted by all garment washers.
3. This will be suitable for polyester / nylon fabrics also which are hydrophobic.

For this purpose, this product is added @ 2 to 3 % in print paste. Mix well by hand stirring.

SPECIFICATIONS

Nature	Liquid
Colour	Translucent
Solid Content at 110°C	94 ± 2
pH	5-6

STORAGE & SHELF LIFE

- R-77 is very easy to handle and normal departmental procedures should be followed.
- It should be stored in ambient temperature. Do not store in direct sun or at a temperature higher than 45 degree Celcius.
- After each withdrawal, the container should be closed tightly.
- Minimum shelf life of the product is 6 months.
- Shake well before use

DISCLAIMER

The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored, handled and used are beyond our control, we cannot assume any responsibility for their use by the customers.