

TECHNICAL LITERATURE

SILTEX ME - 303 PT

Siltex ME-303 PT is an APEO FREE highly active microemulsion of amino functional silicone. It gives a very soft resilience and elegant handle to all types of fabrics. It penetrates deep into the fibre giving a luxurious soft handle with drapability.

CHARACTERSTICS :

CHEMICAL NATURE	: Highly active microemulsion of aminofunctional silicones.
APPEARANCE	: Clear to slight hazy emulsion.
CONSISTENCY	: Liquid.
IONIC NATURE	: Non-Ionic.
pH	: 5 – 6.5
SOLUBILITY	: Miscible with cold water.

PROPERTIES :

- Siltex ME-303 PT imparts an elegant, luxurious and soft handle
- Durable soft, silky hand.
- High resiliancy.
- Strong shape retention.
- Good drape characteristic.
- Gives durable finish.
- High luster.
- Improved tear strength.
- Excellent sewability.
- Low yellowing.
- Excellent effect at low levels of addition.
- Compatible with most organic solvents and other textile auxiliaries.
- Stable to shear forces, electrolytes and hard water.
- Stable over a broad pH range.
- Can be applied by padding and exhaust.

APPLICATIONS :

- Siltex ME-303 PT can be applied by padding from 5g/l to 50g/l.
- The fabric is dried over 80°C and the temperature should not exceed 180°C.
- Siltex ME-303 PT can be applied by exhaust methods.
- The recommended pH of the bath is 3.5 - 5.5 and a temperature of 45 - 50°C
- Do not exceed a temperature of 60°C in dilution operate in a pH range of 3 - 5.5.
- Compatibility of all products in the finishing bath should be checked prior to use.

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Following are some recommendations for different qualities and Fibres:

PES/CO Fabric 65: 35 blend

Siltex ME-303 PT	10 - 20 g/l
Siltex 44001	05 - 10 g/l
Siltex 30098 CS	10 - 20 g/l

Pad with 70% pick up dry at stenter at 180°C.

PES/CO Knitted fabric 65:35 & 50:50 blend:

Siltex ME-303 PT	15-20 g/l
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Pad at 85% pick up; dry at 135°C for 2-3 min.

100% cotton woven fabric :

SILTEX 30200/Resin	60-80 g/l
Magnesium Chloride catalyst	15-20 g/l
Siltex ME-303 PT	10 g/l
Siltex 44001	15 g/l
Siltex 30098 CS	20 g/l

Pick up 70 %
Dry for 60 seconds at 150°C.
Cure for 3 minutes at 150°C.

Polyester 100% :

Siltex ME-303 PT	20-30 g/l
Siltex 44001	10-15 g/l
pH	4-5
Pick up	70%

Dry for 60 seconds at 150°C.
Cure for 3 minutes at 150°C.

STORAGE AND SHELF LIFE:

When stored at ambient conditions Siltex ME-303 PT has a shelf life of about 10 months from the date of manufacture.

NOTE: The information in this publication is believed to be accurate and is given in good faith; its purpose is to help our customers but do not imply any engagement on our part