

Last Updated: 17.05.2016
Product Code: PX0012

PERFASOFT PJ is an aqueous micro-emulsion of amino silicone polymer developed as a single addition, resin-stable softening agent. Imparts exceptional softness to fabrics whilst minimising yellowing.

APPLICATION

Effective on a variety of fabrics, including wool, and cashmere knitwear, 100% cotton, polyester/cotton blends and 100% synthetics.

By Padding

Normally a level of 5-10g/ltr is applied by padding. Drying will cure **Perfasoft PJ**, it is not necessary to high-temperature cure and no addition of catalyst is required. **Perfasoft PJ** can also be added to a typical crease-resist system along with the catalyst, lubricant and resin – a dilution level of 5-10g/ltr will be adequate.

By Exhaustion

Perfasoft PJ should be applied in the final rinse bath at 40°C for 15-20 minutes, pH 6-6.5. A dilution level of 0.5-1.0% is recommended. It may also be applied with non-ionic or cationic softening agent.

When processing cashmere or lambswool knitwear, **Perfasoft PJ** should be added to the last bath at a temperature of at least 35°C – processing time will be dependent on machine type and finish required. For times of less than 2 minutes, a dwell of at least 1 minute should be built in to the process to allow the product to exhaust into the garments.

BENEFITS

- Handle: **Perfasoft PJ** will give a soft, smooth handle.
- Drape: Considerably improves the drape of fabrics.
- Pre-catalysed: Catalyst and cross-linking agents not required.
- Stability: Stable in the presence of crease-resist resins as applied to cotton and cotton/polyester fabrics.
- Versatility: May be applied to a wide variety of fibres including wool, cashmere, cotton and synthetics.
- Shear stability: **Perfasoft PJ** is shear-stable and can be applied using the usual finishing equipment.
- Handling: **Perfasoft PJ** is liquid and easily diluted, however it is recommended that only sufficient quantity for one day's production is pre-diluted.

TYPICAL PROPERTIES

Appearance:	Clear, water-white liquid	pH (1% aqueous solution):	6-8
Solubility:	Totally water soluble	Ionic activity:	Weakly cationic

PACKAGING

Perfasoft PJ is available in 25 ltr, 205 ltr drums and 1000 ltr IBC's.

HANDLING PRECAUTIONS

The usual precautions in handling chemicals should be observed and it is recommended that operatives should wear goggles and gloves when handling the concentrated product. Any contact with skin and eyes should be washed immediately with copious amounts of cold water. Please refer to Material Safety Data Sheet for further information.

HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.