

PROTECT & CARE

SOFTNESS | EASY IRONING | IMPREGNATION |
HYDROPHILICITY | FAST DRYING | COLOR FASTNESS |
SHAPE | STABILITY

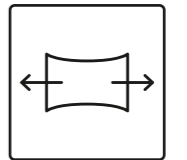
**PROTECTION & CARE
EIGHT SILICONE EFFECTS
FOR NOTICEABLE TEXTILE-
CARE BENEFITS**

STABILITY

Repeated washing, even at low temperatures, damages fabrics by causing them to lose their tear strength resistance. Silicones coat the fibers and prevent them from locking.

Further information and product recommendations are provided upon request.

Product recommendations:
LIOSIL® FC 207 E



SHAPE

Silicone polymers increase the elasticity of fibers and garments by crosslinking. The garments regain their original shape after being washed, which reduces the need for ironing.

Further information and product recommendations are provided upon request.

Product recommendations:
LIOSIL® FC 341 E
LIOSIL® FC 201 E



COLOR FASTNESS

Silicone polymers encase garment fibers, which reduces the friction between the fibers during the washing process. As a result, dyes do not fade and fabrics last longer.

Further information and product recommendations are provided upon request.

Product recommendations:
LIOSIL® FC 201 E

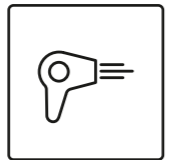


FAST DRYING

Polar-modified silicone polymers lead to improved water drainage of fabrics, so that they lose more moisture faster during the spin cycle.

Further information and product recommendations will be provided upon request.

Product recommendations:
WACKER® L 053
LIOSIL® FC 204 E



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The data presented in this flyer are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this flyer should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

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**FOR NOTICEABLE
TEXTILE-CARE BENEFITS**

When used in fabric softeners or detergent additives, silicones can enhance textiles with numerous effects. These effects can complement or supplement each other – you decide which textile properties you would like to achieve with your product.



SOFTNESS

Silicone polymers anchor on the surface of the fibers facing outwards, thereby reducing the friction between fibers and the skin (external softness) and between fibers (internal softness). Silicones provide a velvety and silky softness with better rewetting compared to esterquat.

Further information and product recommendations are provided upon request.

Product recommendations:
LIOSIL® FC 228 E
LIOSIL® FC 225 E

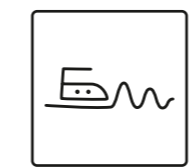


EASY IRONING

Silicone polymers anchor on the surface of the fibers and act as lubrication. This reduces friction between fibers and the iron's surface to facilitate faster gliding.

Further information and product recommendations are provided upon request.

Product recommendations:
LIOSIL® FC 201 E
WACKER® E 22



IMPREGNATION

Textiles become water-repellent when silicone encases the fiber, thereby increasing the material's hydrophobicity. The textiles are protected from water and water-based dirt, while maintaining breathability.

Further information and product recommendations are provided upon request.

Product recommendations:
LIOSIL® HC 603 E
LIOSIL® HC 621 E



HYDROPHILICITY

Silicone polymers are modified to be hydrophilic. Combining the positive effects of silicones – such as softness and silk-like touch – with hydrophilicity, these products ensure high water absorbency.

Further information and product recommendations are provided upon request.

Product recommendations:
LIOSIL® FC 214
LIOSIL® FC 110

