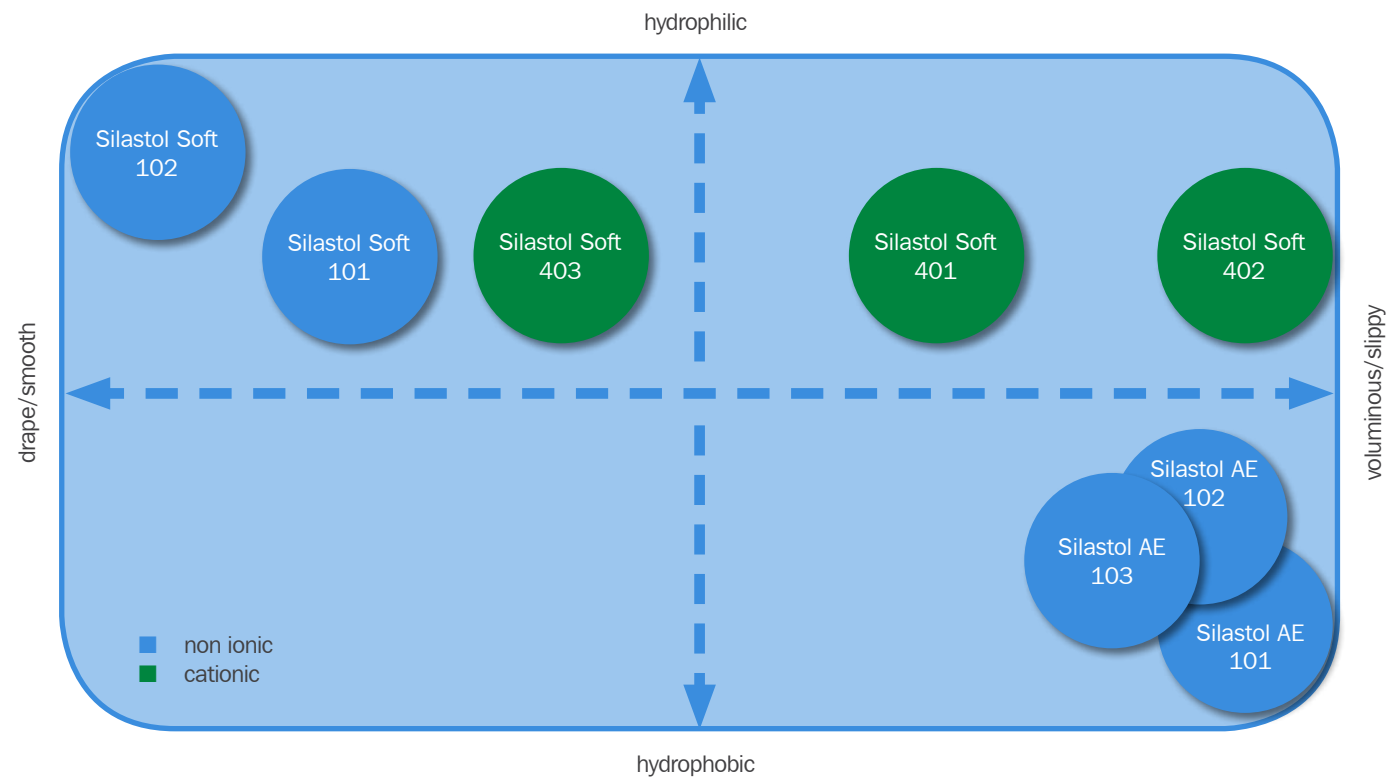


## Guideline



# SOFTENERS

**Schill+Seilacher**  
struktol

**Schill+Seilacher**  
struktol

### Any Questions?

Our service team will be pleased to answer any questions and assist you with advice and information. We can also provide you with contact data of our local offices, distributors and agencies. Data sheets and samples of our products are available upon request.

For more information please contact:

**Schill+Seilacher GmbH**  
Schoenaicher Strasse 205  
71032 Boeblingen (Germany)  
Phone: + 49 7031 282-241  
Fax: + 49 7031 282-159  
E-Mail: [textile@schillseilacher.de](mailto:textile@schillseilacher.de)

Visit also our site:  
[www.schillseilacher.de](http://www.schillseilacher.de)



## HYDROPHILIC TEXTILE SOFTENERS

Trade name	Silastol Soft 401	Silastol Soft 402	Silastol Soft 403	Silastol Soft 101	Silastol Soft 102
Type	silicone quat	silicone quat	silicone quat	amino silicone and polyglycol	epoxy polyether
Charge	cationic	cationic	cationic	non ionic	non ionic
Dry substance (%) at 80°C	22 – 26	69 – 74	13 – 22	15 – 19	38 – 43
Form	liquid	liquid	liquid	liquid	liquid
Appearance	opaque	yellowish to brown	light beige	opaque to white	colourless
pH-value (100 g/L) at 20°C	5 ± 1.0	7 ± 1.0	4 ± 1.0	6 ± 1.0	5 ± 1.0
Density (g/mL) at 20°C	1.0 ± 0.1	1.0 ± 0.1	1.0 ± 0.1	1.0 ± 0.1	1.0 ± 0.1
Miscibility with water	miscible	miscible	miscible	miscible	miscible
Rewetting (s)	3	4	4	5	1
Resistance against phenolic yellowing	very good	good	very good	very good	very good
Padding method (g/L)	10 – 30	5 – 10	10 – 30	10 – 30	10 – 20
Exhaust method (%)	1 – 5	0.5 – 2	1 – 5	1 – 5	1 – 5

### ATTRIBUTES

- fast rewetting
- voluminous and bulky
- reduce surface resistance for better sewing
- no yellowing when applied
- good durability to fine wash cycles and dry cleaning
- suitable for padding and dipping methods

### APPLICATIONS

- suitable for all fibre types and their mixtures, especially for knit and woven fabrics

### DESCRIPTION

- all kinds of textile softeners are delivered as ready-to-use formulations and are easy miscible with water

## TEXTILE SOFTENER

Trade name	Silastol AE 101	Silastol AE 102	Silastol AE 103
Type	amino silicone macro emulsion	amino silicone micro emulsion	amino silicone micro-macro emulsion
Charge	non ionic	non ionic	non ionic
Dry substance (%) at 80°C	48 – 52	35 – 41	35 – 39
Form	liquid	liquid	liquid
Appearance	white	colourless to yellowish	white
pH-value (100 g/L) at 20°C	6 ± 1.0	5 ± 1.0	5 ± 1.0
Density (g/mL) at 20°C	1.0 ± 0.1	1.0 ± 0.1	1.0 ± 0.1
Miscibility with water	miscible	miscible	miscible
Rewetting (s)	250	110	125
Resistance against phenolic yellowing	good	very good	good
Padding method (g/L)	5 – 20	5 – 20	5 – 20
Exhaust method (%)	-	1 – 1.5	-

### ATTRIBUTES

- available as micro- or macro emulsion
- high inner and surface-smoothing
- reduce surface resistance for better sewing
- surface gloss
- good durability to fine wash cycles and dry cleaning
- applicability by padding and dipping methods
- no yellowing when applied

### APPLICATIONS

- suitable for all fibre types and their mixtures

### DESCRIPTION

- all kinds of textile softeners are delivered as ready-to-use formulations and are easy miscible with water

