



AKKİM SİLİKON PRODUCT RANGE

SILICONE HYBRIDE EMULSIONS



**** excellent *** high ** medium * low

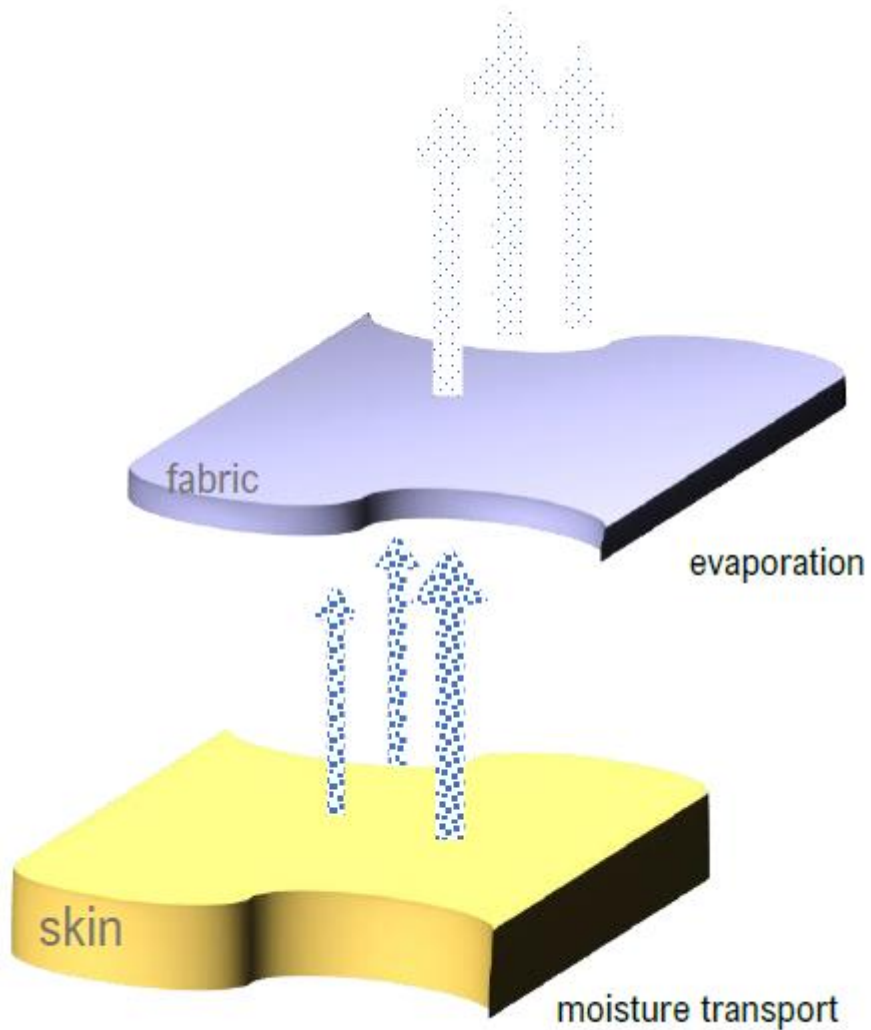
	AKSILOX S 350	AKSILOX S 300	AKSILOX S 450	AKSILOX S 500	AKSILOX S 510	AKSILOX S 520
Appearance	milky liquid	milky liquid	milky liquid	milky liquid	milky liquid	milky liquid
Solid Content (wt %)	28-32%	28-32%	42-46%	46-50%	46-50%	46-50%
Material	knitted (CO/CO blends)	terry towel (CO)	terry towel (CO)	knitted (CO/CO blends)	knitted (CO/CO blends)	knitted (CO/CO blends)
Application	exhaust/padding	exhaust/padding	exhaust/padding	exhaust/padding	exhaust/padding	exhaust/padding
Handfeel	silky	super soft, fluffy	super soft, fluffy	soft, handful	soft, handful	silky, handful
Hydrophilicity	**	****	****	****	****	***
Yellowing	****	****	****			
Moisture Management	✓	✓	✓			
Jet Stability	✓	✓	✓	✓	✓	✓
Redyeable	✓	✓	✓	✓	✓	✓

All products in this range are LV grade: D4 - D5 - D6 < 0.1% (<1000 ppm)

This product range was developed for **exhaustion process** in particular.

The products can be used in padding process without having any technical trouble but exhaust method is highly recommended for the best performance results.

MOISTURE MANAGEMENT PRODUCTS



AKSILOX S 350 – AKSILOX S 300 – AKSILOX S 450

- Moisture management
- Quick drying
- Body heat protection
- Work uniform, sports and performance cloths.



AKSILOX S 350



AKSILOX S 300

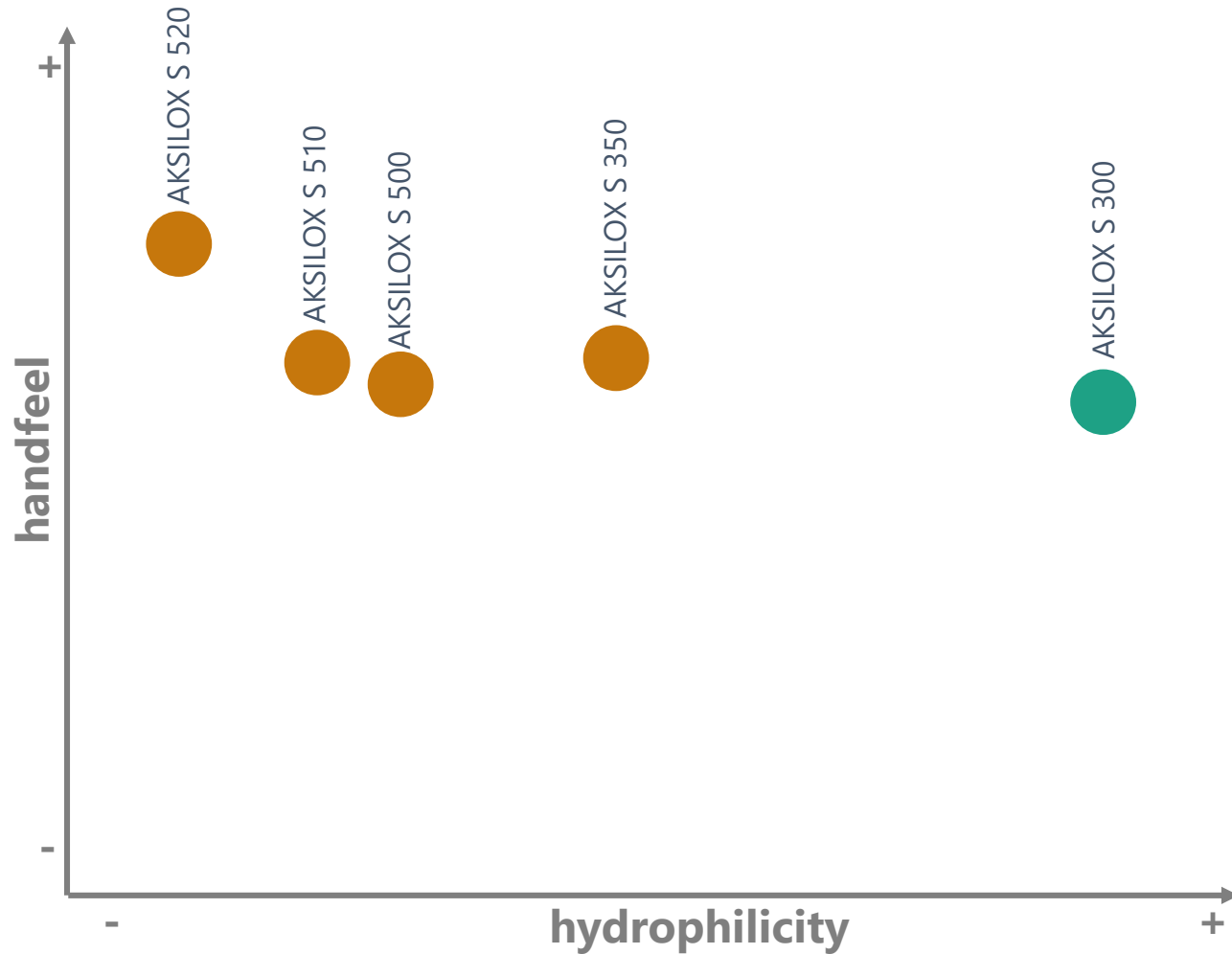
TERRY TOWEL PRODUCTS



AKSILOX S 300 – AKSILOX S 450

- Soft, silky and slippery handle for cotton and cotton blends
- Surface smoothness for knitted and synthetic fabrics
- Fluffy and voluminous handle especially for terry towel
- Excellent water absorbency

HYDROPHILIC EMULSION PERFORMANCE COMPARISON



- product performances for knitted CO/CO blends
- HYDORTOUCH HQ 45 provides maximum hydrophilicity with optimum touching property



- product performances for terry towel
- AKSILOX TW 45 is concentrated form of AKSILOX TW 30

SILICONE TERPOLYMER

	AKSILOX HF 802
Appearance	yellow viscouse liquid
Solid Content (wt %)	min. 80%
Material	knitted (CO/CO blends) towel
Application	exhaust/padding
Handfeel	soft, handful
Hydrophilicity	****
Jet Stability	✓
Redyeable	✓

All products in this range are LV grade: D4 - D5 - D6 < 0.1% (<1000 ppm)

This product range is ideal to obtain hydrophilicity for towel and knitted CO/CO blends.

PERMANENT WASH RESISTANCE PRODUCT



**** excellent *** high ** medium * low

	AKSILOX PWR 200
Appearance	milky liquid
Solid Content (wt %)	18-22%
Material	CO/CO blends
Application	exhaust/padding
Handfeel	soft, permanent
Hydrophilicity	***
Jet Stability	✓

- AKSILOX PWR 200 is LV grade: D4 - D5 - D6 < 0.1% (<1000 ppm)
- Recommended for denim fabric in particular, enhanced handfeel as the number of wash cycles increase.
- Environment friendly product due permanency, there is no need for multiple finish applications.
- This product can be used in padding and exhaust processes without having any technical trouble.

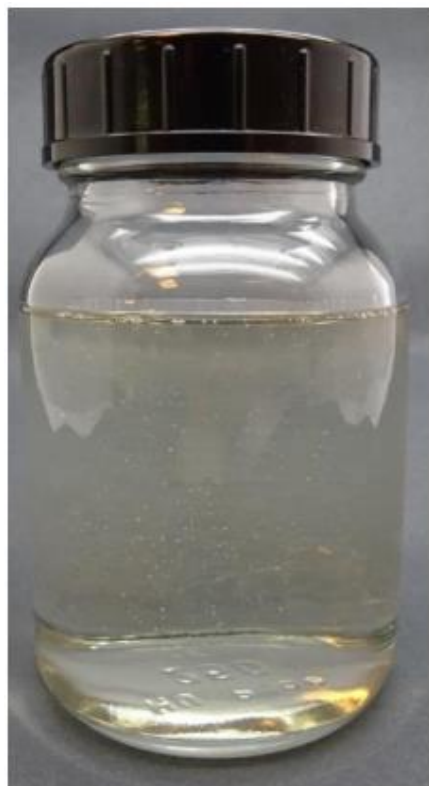
REACTIVE AMINO FUNCTIONAL FLUID



**** excellent *** high ** medium * low

	AKSILOX RAF 210	AKSILOX RAF 310	AKSILOX RAF 410	AKSILOX RAF 420	AKSILOX RAF 430	AKSILOX RAF 440	AKSILOX RAF 710	AKSILOX RAF 913	AKSILOX RAF 973
Amine Value	0,2	0,3	0,4	0,4	0,4	0,4	0,7	0,4	0,6
Material	PES	PES	all kind of fibers	all kind of fibers	all kind of fibers	all kind of fibers	all kind of fibers	all kind of fibers	all kind of fibers
Application	padding	padding	padding	padding	padding	padding	padding	padding	padding
Handfeel	***	***	****	***	***	***	***	****	****
Hydrophobicity	hydrophobic	hydrophobic	hydrophobic	non-hydrophobic	non-hydrophobic	non-hydrophobic	hydrophobic	hydrophobic	hydrophobic
Yellowing	***	***	***	***	****	****	***	***	***
Wash Resistance	*	*	*	***	**	*	*	****	****

HYDROPHILIC QUAT POLYMER



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	AKSILOX HC 100	AKSILOX HC 101	AKSILOX HC 104
Solid Content (wt %)	> 90%	> 90%	> 90%
Material	towel (CO), knitted (CO)	towel (CO), knitted (CO)	towel (CO), knitted (CO)
Application	padding	padding	padding
Hand Feel	***	***	****
Hydrophilicity	***	***	****
Yellowing	****	****	****
Redyeable	✓	✓	✓

D4 - D5 - D6 < 0.3%

Emulsions obtained by up to 30% dilution of the products remain below 0.1% VOC (<1000 ppm).

AB BLOCK SILICONE



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	AKSILOX BLP 300	AKSILOX BLC 400
Solid Content (wt %)	28-32 %	38-42 %
Material	PES	CO
Application	exhaust/padding	exhaust/padding
Hand Feel	***	****
Hydrophilicity	****	****
Quick Dry	✓	-

AKSILOX CSE 1 is recommended for padding applications for CO knitted fabrics and terry towel.
AKSILOX CSE 1 supplies similar handfeel to towel as AKSILOX TW 30.

WATER REPELLENT SILOXANE

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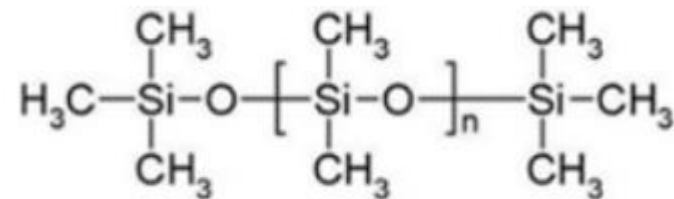
	AKSILOX SH 4900
Solid Content (% wt)	> 98.5
Appearance	colourless clear liquid
Material	plaster
Water Repellency	****



- AKSILOX SH 4900 provides water repellency to gypsum fibre boards and wallboards. Application recipe and curing time may vary for plasters with different contents. Generally AKSILOX SH 4900 should be used 0.2-0.4% of the plaster.

AKSILOX PMX

	AKSILOX PMX
Appearance	colourless and transparent
Viscosity (25°C)	10 cS
Specific Gravity (25°C)	0.934 g/cm ³
Refractive Index	1.399



AKSILOX PMX 10 is a polydimethylsiloxane fluid commonly used as a base fluid in personal care products