



PRODUCTS FOR TECHNICAL TEXTILES



Sarex

www.sarex.com

**CHEMISTRY BEHIND
GOOD FEELINGS**

PRODUCTS FOR TECHNICAL TEXTILES

PRODUCT NAME	IONIC NATURE	DESCRIPTION
--------------	--------------	-------------

COATING AGENTS / AUXILIARIES

Fabcoat-PU 50	a	<ul style="list-style-type: none"> ▪ It is a high solid water based polyurethane which will give soft feel on coating. ▪ Viscosity of the product can be adjusted by adding thickener. ▪ Addition of 2-3% Saraprint-AC is recommended to increase the wash fastness of the coating.
Fabcoat-AR 100	a	<ul style="list-style-type: none"> ▪ Fabcoat-AR 100 is an Acrylic coating agent, recommended as a coating compound for outdoor fabrics like sunscreens blinds & Anti-fraying. ▪ It is also used to impart body, dimensional stability to the fabric. ▪ It can be added in the formulation to get medium hard feel on the fabric.
Saraprint-AC	n	<ul style="list-style-type: none"> ▪ Saraprint-AC is a melamine formaldehyde based cross-linker. ▪ Addition of Saraprint-AC in the recipe enhance the wash fastness of the coated fabric and also reduces the tackiness.
Synthick-P328	a	<ul style="list-style-type: none"> ▪ Synthick-P328 is a highly concentrated thickener. It disperses readily in water. ▪ Addition of 2-3 % of Synthick-P328 will give the desired coating viscosity.

OIL, WATER & STAIN REPELLENTS

Careguard-OR 606	n	<ul style="list-style-type: none"> ▪ Careguard-OR 606 is a new generation water and oil repellent fluorocarbon based on C6 Chemistry. ▪ It gives very high oil and solvent repellency. The performance of Careguard-OR 606 will be closer to that of C8 Chemistry. ▪ It can pass EN469:2006/1M:2007 (Gutter Test). ▪ It is suitable for Protective and military clothing.
Careguard-OR 359	n	<ul style="list-style-type: none"> ▪ Careguard-OR 359 is a new generation water and oil repellent fluorocarbon based on C6 Chemistry. It gives very high oil repellency. ▪ The performance of Careguard-OR 359 will be closer to that of C8 Chemistry. ▪ It can pass EN469:2006/1M:2007. (Gutter Test) ▪ It is suitable for Protective and military clothing.
Ecoguard-786	n / wc	<ul style="list-style-type: none"> ▪ Is based on C6 fluorocarbon chemistry, it is used for achieving durable, high oil and water repellency. It is suitable for all types of substrate and their blends. ▪ This finish can be applied on Military fabrics, work wear and home furnishing fabrics.
Careguard-66 (New)	n / wc	<ul style="list-style-type: none"> ▪ Is based on C6 fluorocarbon chemistry used for durable oil and water repellency. ▪ It is suitable for all types of substrate and their blends. ▪ This finish can be applied on Military fabrics, work wear, apparels and home furnishing fabrics.
Careguard-SV	n / wc	<ul style="list-style-type: none"> ▪ Careguard-SV is cost effective, water and oil-repelling fluoropolymer based on C6 chemistry. ▪ It confers highly durable water and oil repellency effects on various substrates viz., polyester, cotton, wool fibres and their blends. ▪ It can be applied by padding, foam and spray technique.
Careguard-LTH	n	<ul style="list-style-type: none"> ▪ Careguard-LTH is a cost effective water and oil repelling fluorocarbon & suitable for high speed finishing. It can be applied by padding, foam and spray technique. ▪ It imparts durable water and oil repelling effects, and is highly suitable for synthetic fabrics.
Careguard-314	n	<ul style="list-style-type: none"> ▪ Careguard-314 is a new generation water and oil repelling fluorocarbon based on C6 Chemistry. It is ideal to use Careguard-314 in coating recipe. ▪ It imparts best results on polyamide fabrics. It is an ideal product for synthetic fabrics. ▪ It can be applied by padding, foam and spray technique.

FLUORINE FREE WATER REPELLENTS

Ecoguard-NEW	n / wc	<ul style="list-style-type: none"> ▪ Ecoguard-New is a fluorine free speciality product for imparting very good water repellency specially on Cellulosic substrates & their blends. The performance of Ecoguard-New is better than the conventional paraffin wax and Acrylate based products.
Ecoguard-SYN (Conc)	n / wc	<ul style="list-style-type: none"> ▪ A fluorine-free water repellent especially developed for synthetics and blends.

PRODUCT NAME	IONIC NATURE	DESCRIPTION
--------------	--------------	-------------

Careguard-FF	n / wc	<ul style="list-style-type: none"> A cost effective fluorine-free water repellent especially developed for synthetics and blends.
--------------	--------	--

FLAME RETARDANTS

Flamguard-DPS.	n	<ul style="list-style-type: none"> Flamguard-DPS. is durable flame retardant finishing chemical for 100% polyester and polyamide fabrics. It is applicable by padding and spray method. Flamguard-DPS. is halogen free and it shows minimum effect on shade and posses good fastness to home laundering and dry cleaning. Flamguard-DPS. does not have any effect on the drape of the treated fabric. Flamguard-DPS. has low volatility and does not lead to fogging. This finish is very important for products which need protection against fire for e.g. <ul style="list-style-type: none"> - Seat covers, seat belts, car interiors, carpets of the car. - Artificial turfs, ballooning fabric, parachutes and tents. - Curtains, table cloths, bed linens. - Protective textiles-Fire fighters and work wear.
Flamguard-PS	a	<ul style="list-style-type: none"> Flamguard-PS is durable flame retardant for 100% polyester. It can be applied by exhaust method. Flamguard-PS is halogen free. Fabric finished with Flamguard-PS shows minimum effect on shade and posses good fastness to home laundering and dry cleaning. Flamguard-PS has low volatility and does not lead to fogging. This finish is very important for products which need protection against fire for e.g. <ul style="list-style-type: none"> - Seat covers, seat belts, car interiors, carpets of the car. - Artificial turfs, ballooning fabric, parachutes, sleeping bags and tents. - Curtains, table cloths, bed linens. - Protective textiles-Fire fighters and work wear.
Flamguard-BC	wa	<ul style="list-style-type: none"> Flamguard-BC is a durable Halogen and formaldehyde free flame retardant finishing chemical for polyester fabrics. It is suitable for application by back coating method. It has high flame resistance and imparts durable, non-hygroscopic, non-corrosive, non-plasticizing and thermos table FR finish. The finish is stable to UV radiation, heat as well as humid conditions. This finish is very important for products which need protection against fire for e.g. <ul style="list-style-type: none"> - Seat covers, seat belts, car interiors, carpets of the car. - Artificial turfs, ballooning fabric, parachutes, sleeping bags and tents. - Curtains, table cloths, bed linens. - Protective textiles-Fire fighters and work wear.
Saraflam-CD	a	<ul style="list-style-type: none"> Saraflam-CD is a water soluble non durable flame retardant for Polyester, Polyamide and their blends. It is durable to dry cleaning but non durable to washing. It imparts soft handle.
Saraflam-PDR	n	<ul style="list-style-type: none"> Saraflam-PDR is a water soluble non durable flame retardant available in powder form for polypropylene, cellulosic, synthetics and their blends. It is durable to dry cleaning but non durable to washing. It imparts soft handle.
Saraflam-CWF (M)	n	<ul style="list-style-type: none"> Saraflam-CWF (M) is an organo phosphorous durable flame retardant for 100% cellulosic fibres such as cotton and regenerated cellulosic fibres like viscose,modal,tencel. Saraflam-CWF (M) chemically reacts with these fibres thereby imparting durable flame retardancy which can withstand several launderings and dry cleanings. Saraflam-CWF (M) does not affect the drape of the fabric and does not leave any white residue on the fabric thus minimum effect on shade.

ANTIMICROBIAL AGENTS

Saraguard-FL	c	<ul style="list-style-type: none"> Saraguard-FL is a cost effective, methanol free antimicrobial agent for finishing of Cotton, Polyester and their blends. Saraguard-FL can be applied by padding, exhaust, soaking and spraying methods. Saraguard-FL is a non-leaching antimicrobial agent. It is effective against broad spectrum of microbes.
--------------	---	--

PRODUCT NAME	IONIC NATURE	DESCRIPTION
Saraguard-5700	c	<ul style="list-style-type: none"> ▪ A methanol free durable antimicrobial and fungicide for broad spectrum microbes such as <i>Escherichia coli</i>, <i>Staphylococcus aureus</i>, <i>Methicillin-resistant Staphylococcus aureus</i> (MRSA) and <i>Klebsiella pneumoniae</i>. ▪ Suitable for finishing all types of textile substrate. ▪ Can be applied by pad, exhaust, spray application. ▪ This finish can be applied for: <ul style="list-style-type: none"> - Footwear, sleeping bags, seat covers. - Bedding and medical textiles. - Tent, tarpaulins and truck covers. - Mattress, pillow components, stuff toys, upholstery. - Geo cells and Geo bags. - Packaging material, nonwoven bags.
Zoroguard-ZP	n	<ul style="list-style-type: none"> ▪ Zoroguard-ZP is Zinc Pyrithione based antimicrobial agent and antifungal agent. ▪ Zoroguard-ZP exhibits antibacterial activity as well. ▪ Zoroguard-ZP is effective against broad spectrum of microbes. ▪ It is suitable for all types of substrates viz cotton, polyester, polyamide, wool and their blends. ▪ It is leaching antimicrobial agent. ▪ Zoroguard-ZP passes AATCC-30, AATCC-147 and AATCC-100 test methods.

MOISTURE MANAGEMENT FINISH

Estofeel (Conc)	n	<ul style="list-style-type: none"> ▪ A durable hydrophilic, antistatic, soil release, soil resistant finishing agent. ▪ Suitable for polyester, polyamide and their blends. ▪ It can be applied by padding or spray method. ▪ It can be applied for active wears and footwear's.
Moisture-Guard	c	<ul style="list-style-type: none"> ▪ It is a durable moisture management product. ▪ Suitable for cotton and polyamide substrates. ▪ Improves wicking properties. ▪ It can be applied by padding or spray method. ▪ It can be applied for active wears and footwear's.

MOSQUITO REPELLENT FINISH

Repello-MSQ	a	<ul style="list-style-type: none"> ▪ It is a durable micro dispersed product based on Permethrin, to repel and kill mosquitoes. ▪ Can be applied on cellulosic and other substrates. ▪ It is suitable for exhaust as well as for padding. ▪ This finish can be applied for: <ul style="list-style-type: none"> - Tent fabrics, sleeping bags, bed sheets, home furnishing, curtains & mosquito nets.
Saraguard-MOSQ	n	<ul style="list-style-type: none"> ▪ A durable micro encapsulated product based on DEET chemistry to repel mosquitoes for polyester. ▪ It is suitable by pad application. ▪ This finish is suitable for: <ul style="list-style-type: none"> - Tent fabrics, sleeping bags, bed sheets, home furnishing, curtains & mosquito nets.

UV PROTECTIVE AGENTS & LIGHT FASTNESS IMPROVERS

Yuvi-493	a	<ul style="list-style-type: none"> ▪ Yuvi-493 is a highly efficient UV absorber for polyester and its blends. ▪ It improves the light fastness of polyester dyeing with disperse dyes. ▪ It also reduces the fibre damage due to photochemical degradation. ▪ This finish can be applied on fabrics used for: <ul style="list-style-type: none"> - Ballooning and parachute fabrics. - Seat covers and car interiors. - Blinds, Canopies, awnings, Tarpaulins. - Mulch mats, Sunscreens, Bird protection nets, wind protection net.
Yuvi-Cell	n	<ul style="list-style-type: none"> ▪ Yuvi-Cell is an UV protector for cellulosic fabrics. ▪ It exhibits excellent ultraviolet absorbing properties and is durable to home launderings. ▪ Yuvi-Cell treated fabric shows UPF rating up to 50+. ▪ Yuvi-Cell also enhances the colour fastness of the substrates to light and perspiration. ▪ This finish can be applied on fabrics used for sports wear, beach wears and sun parasols.

PRODUCT NAME	IONIC NATURE	DESCRIPTION
--------------	--------------	-------------

FRAGRANCE FINISH

Superfresh range	wa	<ul style="list-style-type: none"> ▪ Superfresh range is new range of micro encapsulated aroma finishes. ▪ It imparts durable fragrance to the fabric. ▪ They can be applied on synthetic and natural fabrics. ▪ This finish is applied for active wear, apparels and home furnishings.
------------------	----	---

BODY IMPARTING AGENT / BINDER FOR NONWOVEN

Autofin-DR	a	<ul style="list-style-type: none"> ▪ Autofin-DR is a finishing agent in liquid form which imparts bulkiness or body to polyester. ▪ It is durable to boiling water. ▪ Autofin-DR can also be applied on P/V fabric to impart body. ▪ This finish can be applied for home furnishings, carpets, table cloths, car interiors, roller blinds and shower curtains.
Stiffnol-HT	a	<ul style="list-style-type: none"> ▪ Stiffnol-HT is High Temperature Stable Stiffner is a finishing agent in liquid form which imparts bulkiness or body to textile substrate. ▪ It will not loose its stiffness at high temperature and also will recover its stiffness on bringing down the temperature. ▪ This finish can be applied for nonwovens which are used at high temperature for filtration.
Sarastiff-GK	n	<ul style="list-style-type: none"> ▪ Sarastiff-GK is specially developed finishing product to impart stiff finish to nonwovens made of cotton, viscose, polyester and their blends. ▪ Sarastiff-GK is specially recommended for finishing of collar interlining. ▪ Fabric finished with Sarastiff-GK remains stiff even under long storage period and does not loose stiffness even if relative humidity is high.

ANTISTATIC AGENT

Antistat-CD	n	<ul style="list-style-type: none"> ▪ Antistat-CD is specially developed finishing agent for hydrophobic fibres such as polyester to overcome static charges generated. ▪ This finish can be applied mainly for Carpets, medical textiles and nonwoven gowns.
-------------	---	--

ANTIPELLING AGENTS

Helafin-42	a	<ul style="list-style-type: none"> ▪ Helafin-42 improves resistance to pilling and snagging and also reduces the tendency of seam slippage. ▪ This finish can be applied on cotton, polyester and their blends.
------------	---	---

HYDROPHILIC AGENTS

Wetfin-NS	n	<ul style="list-style-type: none"> ▪ Is an innovative silicone free hydrophilic agents which can be used to enhance the absorbency of synthetic fibres like polyester and polyolefin fibres. ▪ This finish can be applied by padding on nonwoven fabrics also. ▪ This type of finish is very useful where instant absorbency is required. ▪ This finish is very integral for incontinence products like baby diapers, adult diapers and female hygiene products.
-----------	---	--

CHLORINE FASTNESS IMPROVERS

Saradye-429 (MOD)	n	<ul style="list-style-type: none"> ▪ Saradye-429 (MOD) is a speciality product to improve the fastness to chlorinated pool water. ▪ It is highly efficient on polyamide fabrics dyed/printed with acid dyes. ▪ Saradye-429 (MOD) has minimum effect on light fastness and tone of the treated material. ▪ Saradye-429 (MOD) does not affect the original handle and absorbency of fabric. ▪ This finish can be applied on swimwear's and any textile material which come in contact with chlorine water.
-------------------	---	---

DUST RELEASE FINISH

Dustfree-CPP	c	<ul style="list-style-type: none"> ▪ Dustfree-CPP is specially developed finishing agent for cotton, polyester, polyester blends, nylon etc., to impart anti-dust, anti-pollen properties to the treated fabrics. ▪ It minimises pollen and dry dust deposition in the fabric interstices and allows easy removal of dust from the fabric by just tapping the fabric. ▪ This finish can be applied on Home furnishing, Work wear, outdoor fabric like umbrella, canopies etc.
--------------	---	--

**Ionic Nature: a- anionic, c- cationic, n- non ionic, wa- weakly anionic, wc- weakly cationic*



State of art Technical Service Laboratory

CONTACT US

Corporate Office:

501 - 502, Waterford Building, 'C' Wing,
C. D. Barfiwala Marg, Juhu Lane,
Andheri (W), Mumbai - 400 058, India.

Tel.: +91 22 4218 4218 / 6128 5566

Email: tcexn@sarex.com Web: www.sarex.com

Plants:

N-129, N-130, N-131, N-132 & N-232, MIDC,
Tarapur - 401 506, India.



M & S



REACH



OHSAS
18001:2007



ISO
17025:2005



ISO
14001:2015



ISO
9001:2015



TWO STAR
EXPORT HOUSE



GOTS

CERTIFICATIONS