



Our life always expresses the result of our dominant thoughts. ~ *Soren Kierkegaard*

Fear is not your enemy. It is a compass pointing you to the areas where you need to grow.

~ *Steve Pavlina*

A man must be big enough to admit his mistakes, smart enough to profit from them, and strong enough to correct them

-John C. Maxwell

“ A life spent making mistakes is not only more honorable but more useful than a life spent in doing nothing.

George Bernard Shaw

High achievers spot rich opportunities swiftly, make big decisions quickly and move into action immediately. Follow these principles and you can make your dreams come true. ~ *Robert H. Schuller*

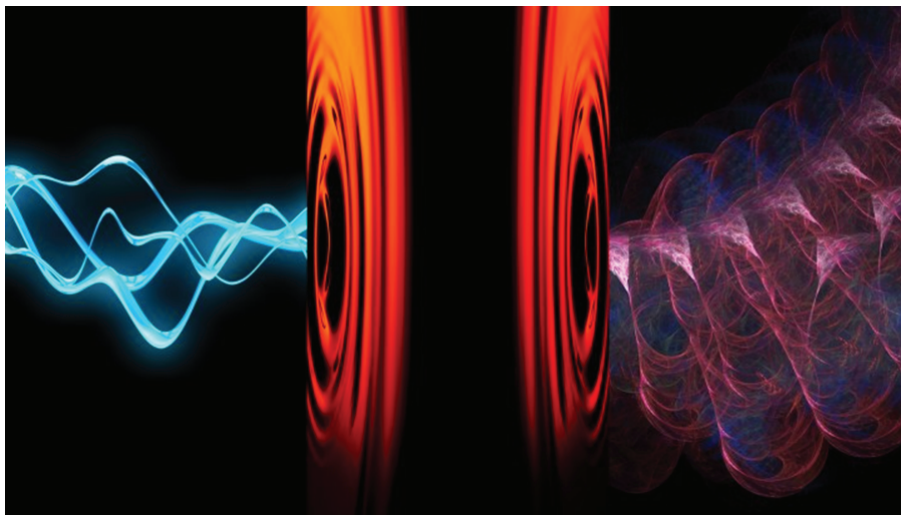
5 textiles trends for Fall/Winter 2017-18

The following trend will describe in detail what designers and product managers are looking for in order to develop their upcoming collections.

Textile Trend 1 – CONTACT

Reactive to the surrounding elements or to the body's physical state, this is a growing textile direction that incorporates a lot of sectors. It is no longer confined to the outdoor market, but also influencing streetwear and the growing athleisure market that is taking the business by storm. Ranging from insulation to traditional thermoregulation, core stability and reflective elements, this textile trend is about anything that changes through the wearing of it, the heat or motion from the body to protecting the body from the elements it is exposed to on the outside.

A combination of natural and synthetic yarns will feature. This trend is about pushing the limits and the fabrics reacting to the challenge and delivering the desired level of performance, whether it be protecting the body directly through high compression fabrics, keeping it warm or just the simple protective elements of shutting the wind and rain out.



FIBERS & FINISHES

- Insulation – synthetic and natural combinations
- Eco and traceable synthetic and natural in pure delivery or hybrid insulation
- Cotton, wool and modal
- Recycled nylon and polyester
- Cat dye polyester for enhanced colorways

- Spandex/elastane for performance fit with stretch and recovery
- Hollow fibers for thermal applications in lighter weight knits and wovens
- FIR yarns for health benefits including enhanced circulation
- Caffeine and mineral embedded yarns and finishes
- Eco friendly multiple protection – windproof, waterproof, breathable, moisture management
- Reflective and phosphorescent yarns
- Reflective prints

FABRICS & SURFACES

- Thermal regulation compact and lightweight knits for base layers
- Featherweight moisture management fabrics – moisture wicking and quick dry
- Water and wind resistant membranes with breathability
- High compression knits
- Fabrics that react to a variety of influences from the body through to the external elements
- Fabrics that offer support through core stability and anatomical zoning
- Warmth – thermal insulation and temperature regulation feature from insulation filler through to fabrics ranging from base, second to outer layer
- Spacer fabrics for shielded protection and comfort
- Wellbeing and recovery circular and warp knit fabrics from FIR yarns

with high compression

- Brush the technical side of fabrics for super soft touch against the skin in base layers
- Seamless and clean cut fabrics for reduced production processes
- Lighter weight wovens for bottom weights incorporating hollow fibers.

GEARED TOWARDS.....

- Outdoor sportswear
- Reactive base layers – for skiwear
- Running
- Gymwear
- High compression base layers
- Cycling
- Athleisure
- Streetwear

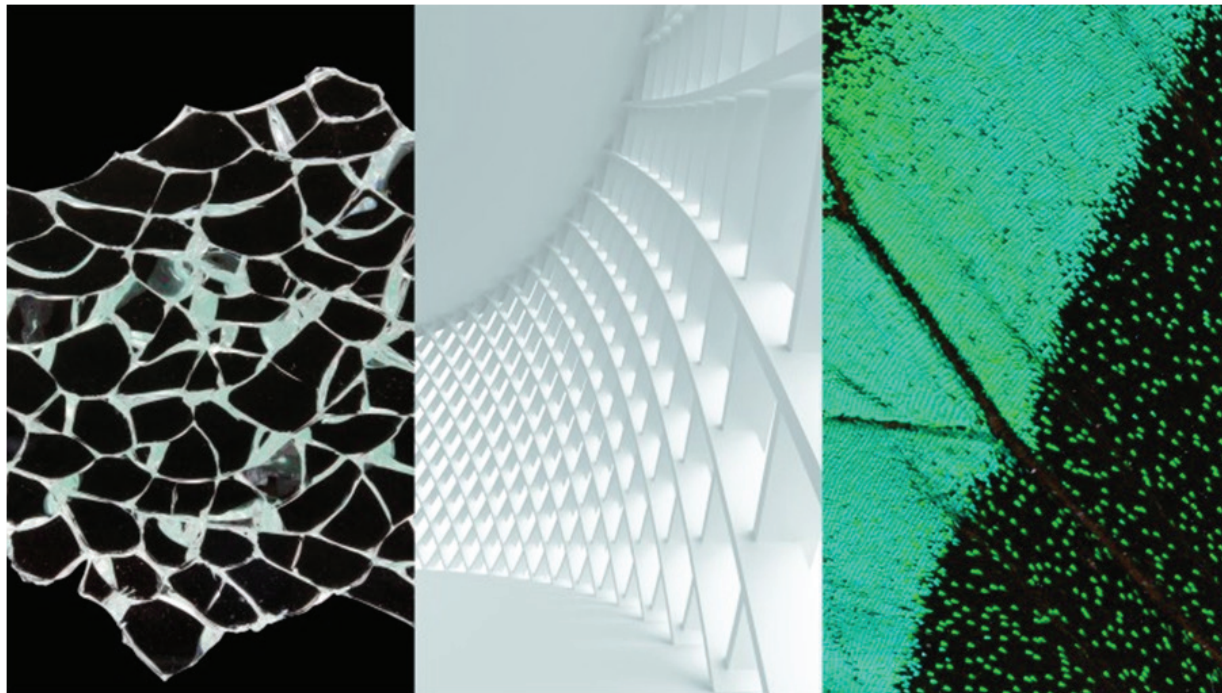
IMAGINE

SOFT TOUCH – REACTIVE FACES – WARMTH – COMFORT –
SUPPORT - FUNCTION

Textile Trend 2 – PROBE

Rethinking old traditions and delivering new concepts is pivotal to PROBE, as we explore what we have and how we can reengineer it to create the next generation fabrics and trims. Pioneering and future forward, this textile trend doesn't just focus on the ingredients, we also need to be looking at the finishes and structures. It's all about newness; how we can adapt existing offerings combined with incorporating state-of-the-art technology and new products.

3D printing, hyper realistic structures and prints through to embedded smart technology feature in taking sports trims and components to a new level. This is a very conscientious trend towards futurism. Fabrics and trims are incredibly light but maintain high levels of function. For appearance look to semi dull and iridescent finishes in creating new visual appeal. Consider metallics through to liquid waxy finishes for a robotic shell look. Bi-stretch wovens can be lustered up or delustered through pattern formation in creating something a little bit different and unique.



FIBERS & FINISHES

- Bright synthetics for a modern luster – opt for recycled synthetic for an eco angle
- Polypropylene enhances the lightness of this direction – newly available in dyeable qualities
- Space dyed yarns bring detail to surfaces
- Silver fabrics and finishes for added permanent performance
- Take a look at the new generation fibers in creating lighter weight fabrics with anti tear appeal
- Look to the hosiery sector in creating barely-there base layers that are strong with built-in performance

- Micro true and mock mesh for anatomical styling and linings in outer layers
- Micro acrylic in blends for ultra light finish plus thermal contribution
- Eco friendly membranes and coatings with full on performance
- PU stretch membranes

FABRICS & SURFACES

- Super light featherweights for base layers
- 3D printed components – molded plastic elements
- Reflective trims – consider new colorways
- Colored multi functional membranes on lighter base fabrics
- High luster coatings and membranes with delustering contrasting effects
- Push the synthetic side of this trend – we want bright, dazzling and superbly clean in both knits and wovens
- Colored functional coatings that deliver a high end gleam
- Compact fabrics in warp knit and woven that lend the way for next generation tape for heat bonding
- Crisp and compact rip stops
- Paper touch rip stops
- Ultra light fleece for second layers
- Super light yet still maintaining high levels of performance in knits and wovens
- A modern and light approach to zippers and trim components – they take on a new morphology – rethink the traditional concept

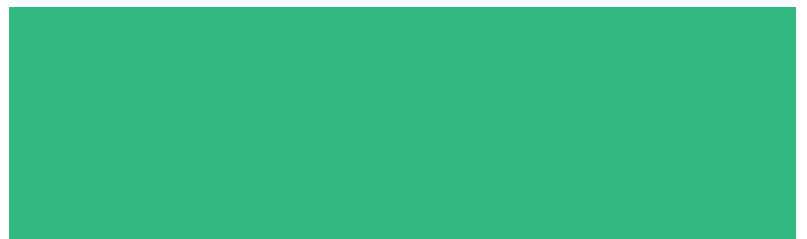
- Iridescent and reflective prints and coatings that catch the light

G E A R E D TOWARDS.....

- All sectors of the outdoor market from synthetic base layers through to ultra light multi functional outer layers with bi-stretch
- High tech base layers – lightweight but with anatomical power
- Pro-sport base layers
- Gym and high impact workout
- Running

IMAGINE

CRISP – COMPACT SURFACES – SECOND SKIN SENSATION – FUTURISTIC – PLAUSIBLE - SMART



Textile Trend 3 – SCHISMATIC

A rebellious and freethinking mood inspires this textile trend, it is not quite breaking the rules but more about bending them. There is a frisson of spirited thinking combined with the notion that it doesn't have to be perfect, but at the same time it still has to deliver performance. In this way we are looking away from traditional perfect surface applications to something more unruly and unique.

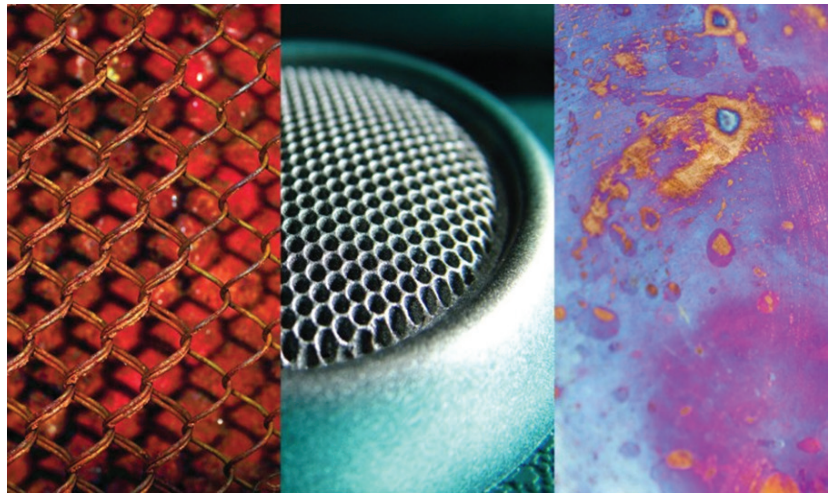
Let's try and do something different, yet discerning. It's all about pushing the boundaries. Looking to innovative fiber content through to textures, finishes and printing - multiple performances and multiple applications in delivering apparel with an edge and more importantly, next generation attitude. These are fabrics and trims that have a true personality through optical aspects or the haptic.

FIBERS & FINISHES

- Natural fibers – recycled cotton, BCI cotton, merino wool
- Modal and viscose
- Recycled nylon and polyester
- Dull synthetic yarns for a matte appearance
- Eco friendly matte lamination and coatings
- Aramid fibers for lightweight robust finishes
- Hollow synthetic fibers deliver warmth without the weight
- Discreet membrane technology for DWR for second and outer layers
- Multifunctional protection in micro porous membrane technology from waterproof, breathable and windproof

FABRICS & SURFACES

- Brushed surfaces on knits and wovens
- Distressed finishes
- Reworked camouflage and urban-inspired prints in delustered effects on bright surfaces
- High performance denim – tough, slubby structures but with invisible function and soft hand
- Rugged fleece for second layers or bonded onto wovens for double sided outer layers
- Aged single knits



- Natural touch through fibers – whether they are natural or synthetics mimicking the natural feel
- Hybrid blends – break the rules and push the unlikely
- Embossed surfaces
- Distressed and unruly structures in knits and wovens
- Spaced dyed yarns for base layers
- 3 layer fabrics equates to multi function and contrasting textures
- Contrasting bonded textures and colors
- Compact and delustered high performance woven fabrics from rip stops to gabardine structures for an edgy look
- Thermal fleece for shells or linings
- Burn-out effects
- Mash up different techniques to create innovative surface effects
- Team completely contrasting textures through double sided and bonded
- Galvanized metal trims – consider recycled metal
- 3D spacer fabrics
- Wool and cotton mesh – blend with polyester for lighter results
- Raised blistered effects and jacquards – work with contrasting yarns for added detail
- Double up – prints feature on textured and solid surfaces, finished with a colored coating or matte transparent finish

GEARED TOWARDS.....

- Urban sportswear
- Snowboarding and skiing
- Cross training
- Athleisure
- Soft equipment

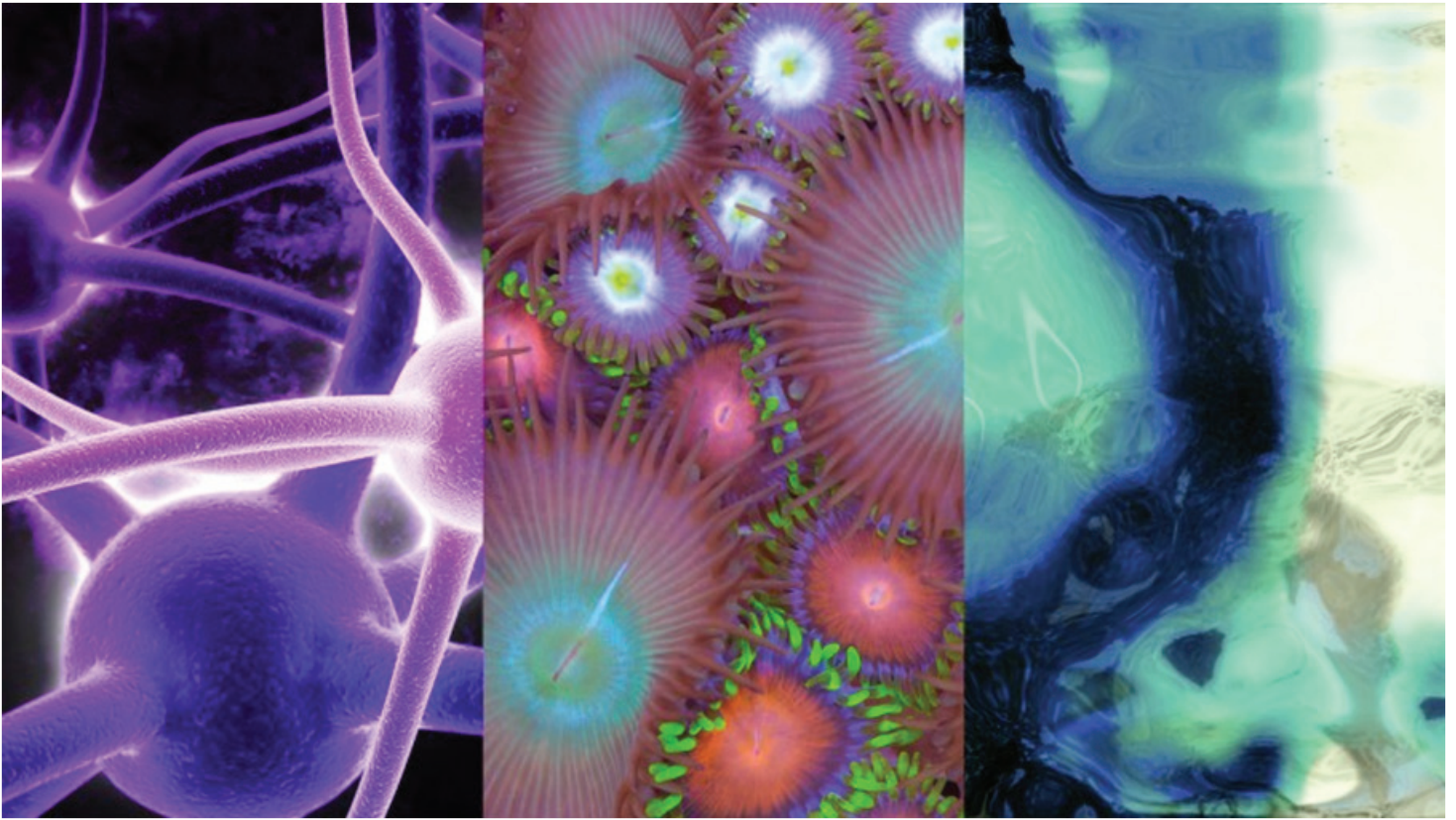
IMAGINE

UNRULY TEXTURES – AGED – SABOTAGED – HYBRID – AMALGAMATION – SURPRISING STRUCTURES

Textile Trend 4 – TRANSCENDENTAL

Extreme lightweight products that still deliver high levels of performance, enhancing the wearer's performance and capability are expected to be integral to the market. There are interesting new fibers coming through that will suit this textile trend, but light doesn't just refer to the weight, we also need to look at the light diffraction and a new generation of luminosity that compliments the more matte appeal of the core of this textile trend.

Super bright applications derived from yarn or through finishes features, with a nod towards safety. Reflective and phosphorescent effects feature, this isn't just a visual trend it also focuses on how we can deliver high performance in lighter weights that allows the true performance of fabrics and trims to shine through.



FIBERS & FINISHES

- Super bright new tri-lobal aspects
- Bright membrane and coatings with a luminous finish
- Phosphorescent yarns and finishes
- Retroreflective elements – fabrics through to prints
- Reflective trims
- Polypropylene
- Micro fine synthetic yarns push through
- Mercerized cotton
- New look wool combinations through synthetic blending
- Viscose and modal

FABRICS & SURFACES

- Surfaces in knits and wovens are micro and perfect in appearance
- Micro fine gauge knits with opacity
- Look to pushing finer count natural base layers in pure or blended compositions
- Ethereal digital prints
- Featherweight base layers in synthetic compositions
- Changeant and moiré aspects deliver a unique optical aspect and update basics

- Make the impossible possible – really work with ingredients and move out of the comfort zone
- Super light rip stops
- Laminated single knit jersey for a modern look
- Trims are much lighter in weight
- Clean cut warp and circular knits
- Laser cut fabrics
- High performing bi-stretch shell fabrics
- Heat reflective transfers and gum prints
- Embedded technology

GEARED TOWARDS...

- Ski & snowboarding – all sectors from base to outer layer for enhanced comfort and performance
- High performance workout and aerobics
- Running
- Road cycling
- Gymwear

IMAGINE

SUPER LIGHTWEIGHT – SAFETY – PERFECT STRUCTURES – GLEAMING – NEW LUSTER

Textile Trend 5 – DEFENSE

Protective in its appeal, tough fabrics and components add value to the final sportswear product through anti-abrasive features that leads to longevity. Core stability through to multiple finishing, aramid fibers and dense structures work alongside safety aspects, especially appealing in the trim sector. Tough and robust, ranging in a variety of fiber content, enhanced finishes to final fabric weights are boosted further with softer touch and comfort appeal when worn.

What is being increasingly developed is the correlation between natural and synthetic sources in creating tougher and protective element. Inspiration pulls from natural protection through to high tech protective features, which in turn incorporates both natural and synthetic fibers in creating the protective aspect. Tough yarns and innovative structures lighten the load but deliver a truly carapace effect, whether it is from base layer through to outer. Look to anatomical zoning of performance from core stability through to moisture management or added thermal regulation.



FIBERS & FINISHES

- Heating and cooling yarns
- High tenacity nylon yarns
- Thermoregulation fabrics
- Chlorine resistant spandex/elastane
- Hollow yarns for lightweight warmth

FABRICS & SURFACES

- Tough and robust fabrics – micro light rip stops through to raised relief warp knits
- Spacer fabrics – impact resistant but soft
- Geometrically structured surfaces
- Body mapping – impact resistant fabrics and anatomical support are zoned into garments through cut-and-sew techniques or seamless
- Abrasion resistant fabrics – softer and lighter in wovens and knits
- Infusion technology in coatings for zoned high abrasive function on soft bases
- Durable hard shells with built-in performance
- Grungy and distressed prints enhance the toughness of this trend

- Tough yet soft fabrics withstand the rigors of the most exertive sports
- FIR yarns
- Protective elements – this can range from prints or trim through to the actual fabrics
- Rip resistant wovens – softer and lighter in weight
- Seamless applications
- Bonded woven/knit combinations
- Copper and galvanized steel embroidery thread
- Tough look trims

GEARED TOWARDS...

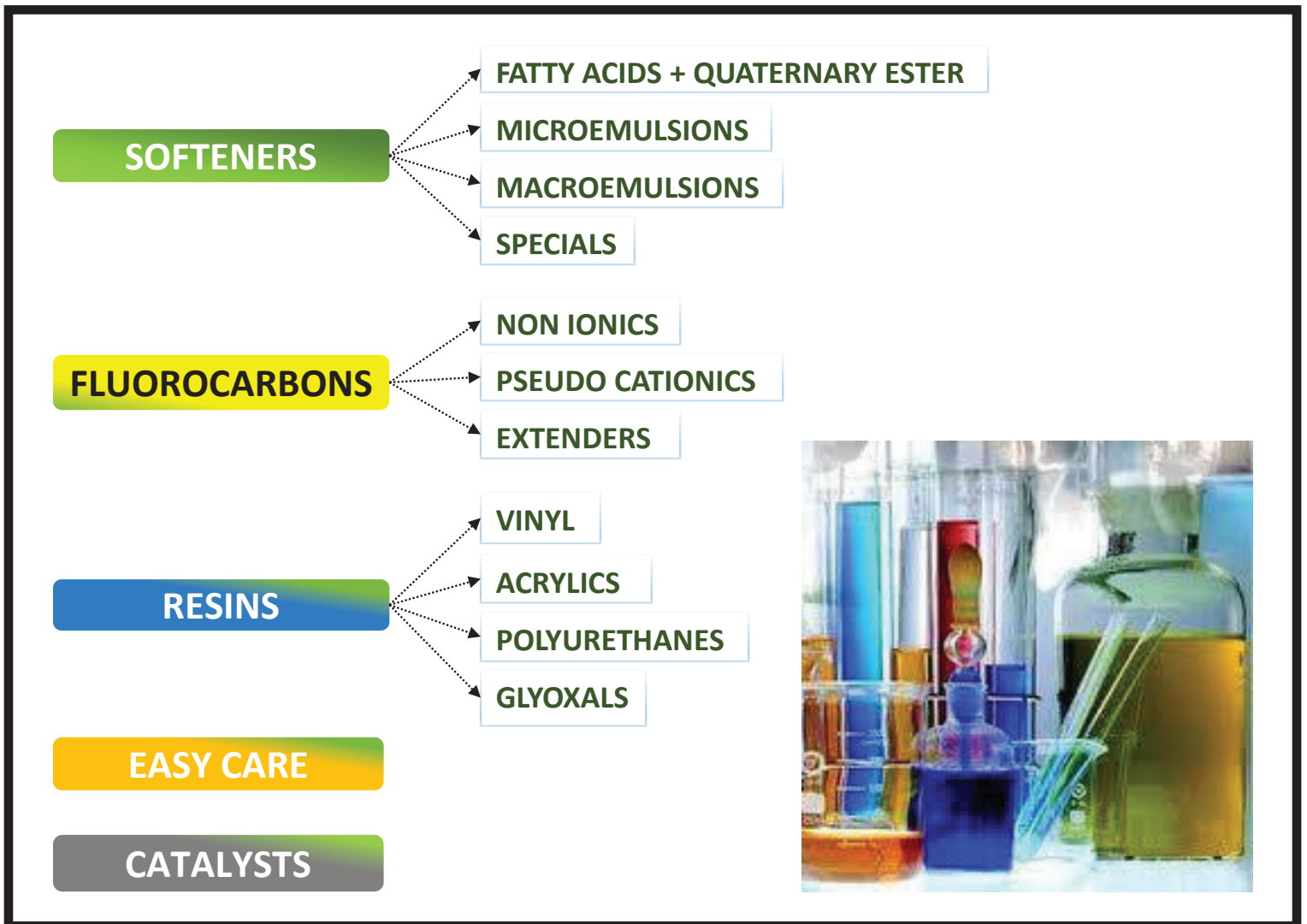
- Skiing & snowboarding
- Triathletes
- Mountain biking
- Motocross
- Climbing
- Soft equipment

IMAGINE

VIGILANT – SHELL – SOFT TOUCH – FLEXIBLE – TENACITY



FINISHING



SOFTENERS

FATTY ACIDS + QUAT. ESTER

CRESOFT CH Conc. : Strongly hydrophilic cationic softener, esterquat type.

Technical Specifications

Appearance 20/25°C	: Yellowish viscous liquid
Ionic Character	: Cationic
pH 20/25°C	: 2.0 – 3.0
Solids content (%)	: 90

Application

Dilution (at 40 – 50° C under stirring) : 79% Water

20% **CRESOFT CH Conc.**
0.5% Acetic acid
0.5% Sodium chloride (NaCl)

Exhaustion method :

1 – 3 % of dispersion **CRESOFT CH Conc.**
pH 5.5 – 6
20 – 30 minutes at 40 – 60 °C

Padding process :

20 – 60 gr./l. of dispersion **CRESOFT CH Conc.**
pH = 4 – 5

SOFTENERS

FATTY ACIDS + QUAT. ESTER

CRESOFT LC Conc. : Ester quaternary based. Ecological and biodegradable. No yellow. Antistatic effect and re-humectant. Dispersible at low temperature. Not hydrophilic.

Technical Specifications

Appearance 20/25°C	: Viscous paste
Ionic Character	: Cationic
pH 20/25°C (sol. 5%)	: 2.0 – 3.0
Solids content (%)	: 85%

Application

Dilution (at 40 – 50° C under stirring) :

79% Water
20% **CRESOFT LC Conc.**
0.5% Acetic acid
0.5% Sodium chloride (NaCl)

Exhaustion method :

1 – 3 % of dispersion **CRESOFT LC Conc.**
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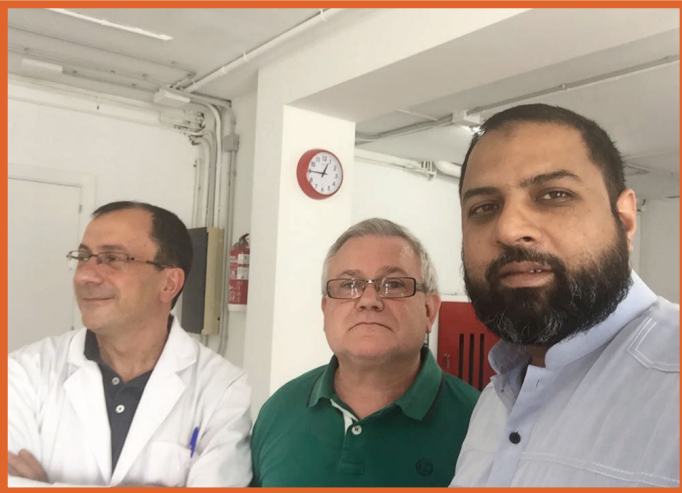
NEWS FROM PRINTEX

- By the Grace of Allah Almighty, Printex has established new Labs for Printing, Textile Processing and Garment Washing at their Faisalabad Office.

- Our CEO Mr. Mustafa Kamal visited the Fujifilm at Kent UK and Cresa Spain. Here are some of the pics for reference.

- Cresa Garment Dyeing R & D Lab is operational now and hopefully will introduce the complete range in near future.







PRINTEX Chemicals (Pvt.) Ltd.



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