



PASSION FOR HOMETEXTILES

Best-in-class continuous, semi-continuous
& discontinuous solutions for cellulose,
polyester and polyester/cellulose blends





/ How do we bring **best-in-** **class** expertise, sustainability and performance to **hometextiles?**

CREATING SUSTAINABLE SOLUTIONS

At Archroma, we continuously challenge the status quo in the deep belief that we can make our industry sustainable.

Archroma is committed to developing innovative products and processes that are safer for the consumer and for the environment. We strongly believe, based on our extensive experience in textile processing, that sustainability can generate innovation, performance and often lead to cost reductions and added value for our customers. For this reason, our clear ambition is to offer our customers the best possible system for their textile segments.

Innovation is a core competence of Archroma, which ensures that our products and services meet future demands, foster future technologies and contribute to a more sustainable textile industry.

As a global leader in color and specialty chemicals with a trusted heritage, we offer bespoke product solution systems and innovations. We strive to be a reliable partner for textile mills as well as major retailers and brands for the whole textile chain – **from the first idea to the final article.**

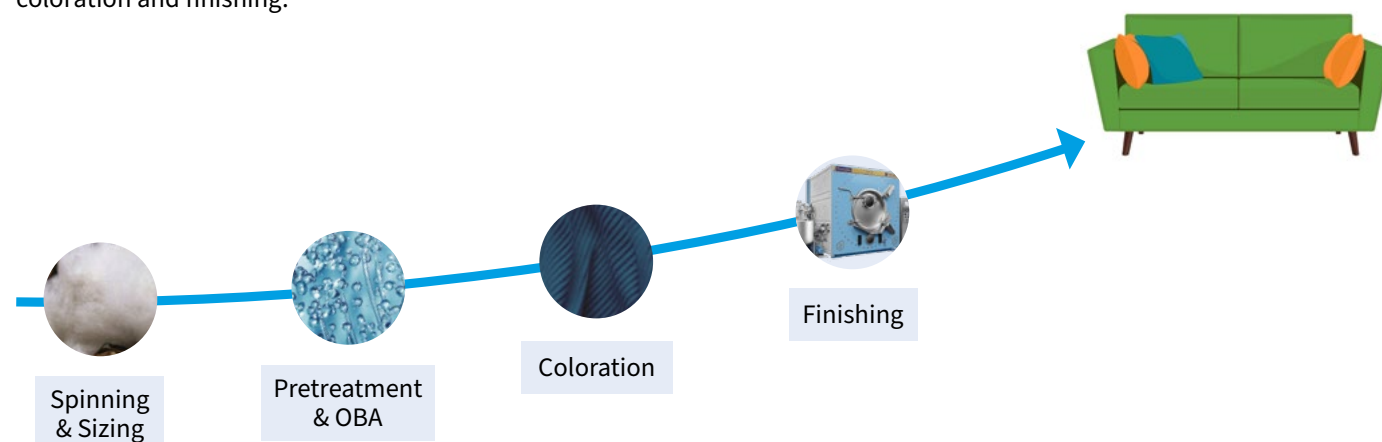
Brand owners and retailers around the world are taking action to evaluate the environmental impact of textile treatment, dyeing and finishing processes in response to consumer concerns. We can support textile manufacturers with this. Our exclusive ONE WAY Process Simulator can be used to simulate and compare products and processes, and thus calculate the ecological and economical profile of the final end-product.

/ ABOUT US

Archroma is a **global color and specialty chemicals** company committed to innovation, world-class quality standards, high service levels, cost-efficiency and sustainability.

From fiber to finish, Archroma plays a key role throughout the entire textile supply chain, with special system solutions for spinning, pretreatment, OBA, coloration and finishing.

At Archroma, **we share your passion for hometextiles**, and we bring our expertise, innovation power and our commitment to sustainability into developing cutting-edge technologies and products to support your needs.



Archroma has specialized Competence Centers bringing to our customers:

- A hub of knowledge, R&D, expertise, technology and creativity support;
- A wide range of testing and consulting services in the **synthetics & wool, cellulosics, printing, finishing & denim segments**;
- A complete system offering thanks to our unique combination of expertise in spinning, pretreatment, coloration, as well as finishing;
- Access to global and regional knowledge and expert network for seamless support in global supply chain management;
- Powerful training centers for our affiliates, partners and customers.

At Archroma, we continuously challenge the status quo in the deep belief that we can make our industry sustainable.

The majority of Archroma's products are certified by some of the most important eco-standards, such as:

• bluesign® • Oeko-Tex® • GOTS • ZDHC • REACH • EU Ecolabel • C2C • RSL • MRSL

/ SPINNING & SIZING

Flexibility on demand

At the beginning of the textile chain, Archroma's spin finishes provide outstanding processing performance for all kinds of filaments and fibers. We combine our chemistry knowledge and yarn manufacturing

experience to develop our high performance and innovative **spin finishes and sizing systems**, aimed at addressing the specific demands of our customers.

Archroma's spinning agents

- Spin finish **Afilan®**
- Softeners, lubricants and antistatic agents **Leomin®**

Archroma's sizing agents

- Sizing agent **Arkofil®**
- Additives **Trefix®**

> Spotlight on **ECO2SIZE**, a fully synthetic sizing system for woven fabrics that increases productivity and reduces the BOD/COD effluent load single precious drop

/ PRETREATMENT & OBA

A heritage of performance

Pretreatment has always been a core competence in Archroma and our past heritage. We believe that a textile treatment process must be simple, robust and highly reliable.

With Archroma's **pretreatment and optical brightening systems**, you will be able to obtain a perfectly prepared fabric and get the whiteness and the shade that you need, with high fastness levels.

Archroma's pretreatment agents

- Desizing agent **Bactosol® HPA liq**
Bactosol® ADD liq
- Mercerizing agent **Mercerol® QW-LF liq**
- Sequestering agent **Lufibrol® ANTOX liq**
Lufibrol® PF ECO liq
- Dispersing agent **Kieralon® XTRA liq c**
Kieralon® UH liq
- Neutralization agent **Sirrix® NE liq**
- Peroxide stabilizer **Prestogen® FCB liq c**

Archroma's optical brightening agents

- OBA for Cellulose **Leucophor® BSB liq** (neutral bluish white)
Leucophor® BSBB liq (bluish white)
Leucophor® PC New liq (neutral reddish white)
Leucophor® BMB liq (neutral bluish white)
Leucophor® BMBB liq (bluish white)
Leucophor® BMF liq (neutral reddish white)
- OBA for Polyester **Ultraphor® HF liq** (neutral white)
Ultraphor® HFN liq (violet shade)
Ultraphor® ETB liq (neutral bluish)
Ultraphor® XSR liq (neutral reddish)
Ultraphor® SFN (bluish violet)
Ultraphor® SFR plus liq (neutral reddish)
Ultraphor® ESR liq (neutral reddish)
Ultraphor® ESRN liq (violet)

> Spotlight on **SMART START**, a one-step pretreatment system for higher quality woven fabrics, at lower cost for you and the environment

Archroma is a recognized leader in **integrated solutions for dyeing**. Our portfolio includes systems designed to answer the specific requirements for all types of polyester and cellulosic goods.

Archroma's dyestuffs for CEL

Drimaren® Ultimate HD/ES reactive dyes

- High level of dye standardization
- High solubility and solution stability in the dye bath
- Excellent fastness properties
- High build-up, low salt

- **Drimaren® Ultimate Yellow HD**
- **Drimaren® Ultimate Amber HD/ES**
- **Drimaren® Ultimate Crimson HD-N**
- **Drimaren® Ultimate Carmine ES**
- **Drimaren® Ultimate Rubine HD**
- **Drimaren® Ultimate Dark Blue HD**
- **Drimaren® Ultimate Navy HD-G**
- **Drimaren® Ultimate Navy HD-XF**
- **Drimaren® Ultimate Night Sky HD/ES**
- **Drimaren® Ultimate Black HD/ES**

Supplementary dyes that compliment Drimaren® Ultimate HD/ES range

Drimaren® Ultimate HF reactive dyes selection

- Suitable for top light fastness in pastel and earth tones

- **Drimaren® Ultimate Yellow HF-R**
- **Drimaren® Ultimate Yellow HF-LP**
- **Drimaren® Ultimate Brown HF**
- **Drimaren® Ultimate Red HF-L**
- **Drimaren® Ultimate Olive HF**
- **Drimaren® Ultimate Blue HF**
- **Drimaren® Ultimate Blue HF-RL**

Drimaren® K dyes selection

- Suitable for brilliant shades

- **Drimaren® Yellow K-4G**
- **Drimaren® Orange K-3R**
- **Drimaren® Red K-4BL**
- **Drimaren® Red K-8B**
- **Drimaren® Violet K-2RL**

Archroma's auxiliaries for CEL

- | | |
|---|--|
| • Antifoam agent
Antimussol® UDF liq | • Dyestuff protection agent
Revatol® NS liq c |
| • Wetting, deaerating agent
Leonil® EHC liq c | • Wet fastness improver
Optifix® RSL liq
Optifix® EC liq |
| • Sequestering agent
Dekol® 2005 liq c | • Washing-off agent
Ladipur® RSK liq
Ladipur® R3C liq |
| • Anti-frosting agent
Solidokoll® DPR liq | |



Discover our **EarthColors®** technology of traceable dyes derived from natural waste products. **EarthColors®** is currently exclusive to brand owners only, dyestuffs are only supplied to approved textile mills, supporting the efforts of the brand owners towards transparency and traceability.

Archroma's dyestuffs for PES & PES CEL BLENDS

Foron® S-WF disperse dyes

- High-energy performance dyes
- High sublimation fastness
- High wet fastness

- **Foron® Brill Yellow S-WF**
- **Foron® Golden Yellow S-WF**
- **Foron® Brill Scarlet S-WFN**
- **Foron® Red S-WF**
- **Foron® Crimson S-WF**
- **Foron® Magenta S-WF**
- **Foron® Rubine S-WF**
- **Foron® Cyanine S-WF**
- **Foron® Turquoise S-WF**
- **Foron® Blue S-WF**
- **Foron® Navy S-WF**
- **Foron® Black S-WF**

Foron® S-RD

- Ternary elements for medium-deep shades on 100% PES Hometextiles

- **Foron® Orange S-RD**
- **Foron® Scarlet S-RD**
- **Foron® Rubine S-RD**
- **Foron® Blue S-RD**
- **Foron® Blue S-RDB 300**
- **Foron® Navy S-RD**
- **Foron® Black S-RD**

Foron® E-RD

- Ternary elements for pale shades
- Very good lightfastness for 100% PES curtains, upholstery fabrics and also PES/Co sheeting

- **Foron® Yellow E-RD**
- **Foron® Red E-RD**
- **Foron® Blue E-RD**

Foron® S

- Universally applicable for upholstery and furnishing fabrics/curtains. Also suitable for printing.

- **Foron® Yellow S-6GL 200**
- **Foron® Yellow Brown S-2RFL 150**
- **Foron® Orange S-RF 200**
- **Foron® Scarlet S-3GFL**
- **Foron® Brill Red S-RGL 200**
- **Foron® Red S-FRL 150**
- **Foron® Red S-BL 200**
- **Foron® Rubine S-2GFL 150**
- **Foron® Brill Violet S-3RL 150**
- **Foron® Blue S-BGL 200**
- **Foron® Blue S-2RN**
- **Foron® Blue S-2G**
- **Foron® Brill Blue S-BG 200**
- **Foron® Navy S-2GRL 200**
- **Foron® Black S-KLE**

Archroma's dyeing auxiliaries for PES & PES CEL BLENDS

- | | | | |
|---|---|---|--|
| • Antifoam agent
Antimussol® HT2S liq | • Anti-frosting agent
Solidokoll® DPR liq | • Wet fastness improver
Optifix® RSL liq
Optifix® EC liq | • Dispersing agent
Lyocol® PRDN liq |
| • Wetting, deaerating agent
Leonil® EHC liq c | • Levelling agent
Eganal® X-ACT liq | • Washing-off agent
Ladipur® RSK liq
Cyclanon® X-CW new liq | • Red Clearing agents
Cyclanon® MCL liq
Cyclanon® ECO Plus liq
Cyclanon® MSA p |
| • Sequestering agent
Dekol® 2005 liq c | • Dyestuff protection agent
Revatol® NS liq c | | • Anti dye migration
Solidokol® V liq |

> Spotlight on **SWIFT BLEND**, a resource-saving system for deep colors dyed in a single step with half the resources

> Spotlight on **JUST COLOR**, a stress-free coloration system for cotton and blends, that allows to create brilliant pale to medium shades resistant to light and bleach... whilst using significantly less chemicals and water

Archroma's dyestuffs for CDP/PES

Selection of dyes for bicolor effects in upholstery and indoor sun protection	
CDP	PES
<ul style="list-style-type: none"> ● Doracryl® Yellow MD New ● Doracryl® Red MD New ● Doracryl® Blue MD New ● Doracryl® Black MD New 	<ul style="list-style-type: none"> ● Foron® Yellow E-RD ● Foron® Red E-RD ● Foron® Blue E-RD ● Foron® Brill Yellow SE-RD ● Foron® Orange SE-RD ● Foron® Red SE-RD ● Foron® Brill Red SE-RD ● Foron® Rubine SE-RD ● Foron® Blue SE-RDN

Archroma's dyeing auxiliaries for CDP/PES

<ul style="list-style-type: none"> • Stabilization & dispersing agent Ekalin® F • Acid buffer Opticid® PSD 	<ul style="list-style-type: none"> • Lubricant agents Imacol® MPE Imacol® X-JET • Red Clearing agent Cyclanon® ECO Plus
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> Spotlight on **CATIONIC DREAM**, a robust and simple one-bath dyeing system for creating vibrant high contrast bi-color effects on polyester-based articles with less time, energy and water

PRINTING

Our wide portfolio of **pigment printing preparations and auxiliaries**, places Archroma in the position to offer complete **printing system solutions** that obtain vibrant colors in most fields of textile printing applications.

Archroma's pigment printing preparations for CEL, PES & blends

Printofix® T <ul style="list-style-type: none"> • High stability of dispersion • Low viscosity • Wider shade gamut • Highest light fastness
Printofix® TF <ul style="list-style-type: none"> • Top of fastness • Specially recommended for outdoor furniture

Selection of disperse dyestuffs for PES

Foron® S <ul style="list-style-type: none"> • Good chemical stability • Suitable for printing, exhaust dyeing processes as well as thermosol dyeing
Foron® S-WF <ul style="list-style-type: none"> • High sublimation fastness • Excellent wet fastness • Suitable for yarn and piece dyeing by the exhaust process as well as for continuous dyeing and printing

Archroma's reactive dyestuffs for CEL

Drimaren® P <ul style="list-style-type: none"> • Printing on cellulosic fibers • Brilliant shades to enable great color variety
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Archroma's printing auxiliaries for CEL, PES & its blends

<ul style="list-style-type: none"> • Binders Helizarin® • Thickeners Lutexal 	<ul style="list-style-type: none"> • Special auxiliaries Luprintol® Printogen®
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> Spotlight on **STAMP IT SAFE**, a formaldehyde-free* pigment printing system for soft fabrics which is better for you and our planet which is better for you and our planet

> Spotlight on **PRINT N'FAST**, a cost-efficient reactive printing system for soft hand-feel with enhanced rub fastness, that is good for you and the planet

Discover more information about pigment, reactive, disperse & acid printing in our "**Passion for Printing**" and **Digital Printing brochure**.

*Below limits of detection according to industry standard test methods. Not intentionally added

FINISHING

As esthetic as functional

Fabric plays an important role for home textiles, it controls mood, sets style and indicates taste.

There are also important properties this textiles need to fulfill to support daily use: affording sun and light control, good resistance to pilling and snagging, stain repellency or flame retardant, among others.

Archroma's performance and finishing solutions

Protection	Softening	Strength and flexibility
<ul style="list-style-type: none"> • Fluorine free water repellent Smartrepel® Hydro • Repellency & soil release Nuva® N • Water-based solvent-free polymers, including polymers with low formaldehyde content or none at all for functional coating Appretan® Lurapret® Texapret® • Flame retardant Pekoflam® • Yellowing protection Umidol® • Ready-to-apply FR coating compound solutions Texapret® CF • Antimosquito Sanitized® AM 23-24 • Antistatic Elfugin® AKT liq 	<ul style="list-style-type: none"> • Silicone softener Solusoft® • Hydrophilic silicone softener Siligen® • Fatty acid softener Leomin® Cepreton® Ceranine® • Polyethylene softener/lubricants Ceralube® • Yarn lubricants Destofil® LC liq Ceralube® ET liq • Polyurethane softeners Hydroperm® RPU New liq c Perapret® PU New liq • Softener for fluorocarbon finishes Ceralube® PHD liq c 	<ul style="list-style-type: none"> • Water-based solvent-free polymers, including polymers with low formaldehyde content or none at all for dimensional stabilization and abrasion resistance Appretan® Lurapret® • Crease & shrink resistance Arkofix® Fixapret®
Odor management	Moisture management & thermocontrol	Finishing specialties & additives
<ul style="list-style-type: none"> • Antimicrobial hygiene function Sanitized® • Odor neutralization Sanitized® Odorex (OA10, OX20) 	<ul style="list-style-type: none"> • Moisture management Hydroperm® • Cooling effects coldblack® 	<ul style="list-style-type: none"> • Special crosslinkers Arkophob® • Wetting agents Kieralon® MRZ liq Fluowet® UD liq Imerol® JET-B liq c • Foaming agents Kieralon® SAS 30 liq Afilan® • Anti-foaming agents Antimussol® UDF liq • System stabilizer Fluowet® • Antislip Dicofix® SW liq c

> Spotlight on **BRIGHT DREAM**, a formaldehyde-free* system for whiter than white fabrics that require no ironing

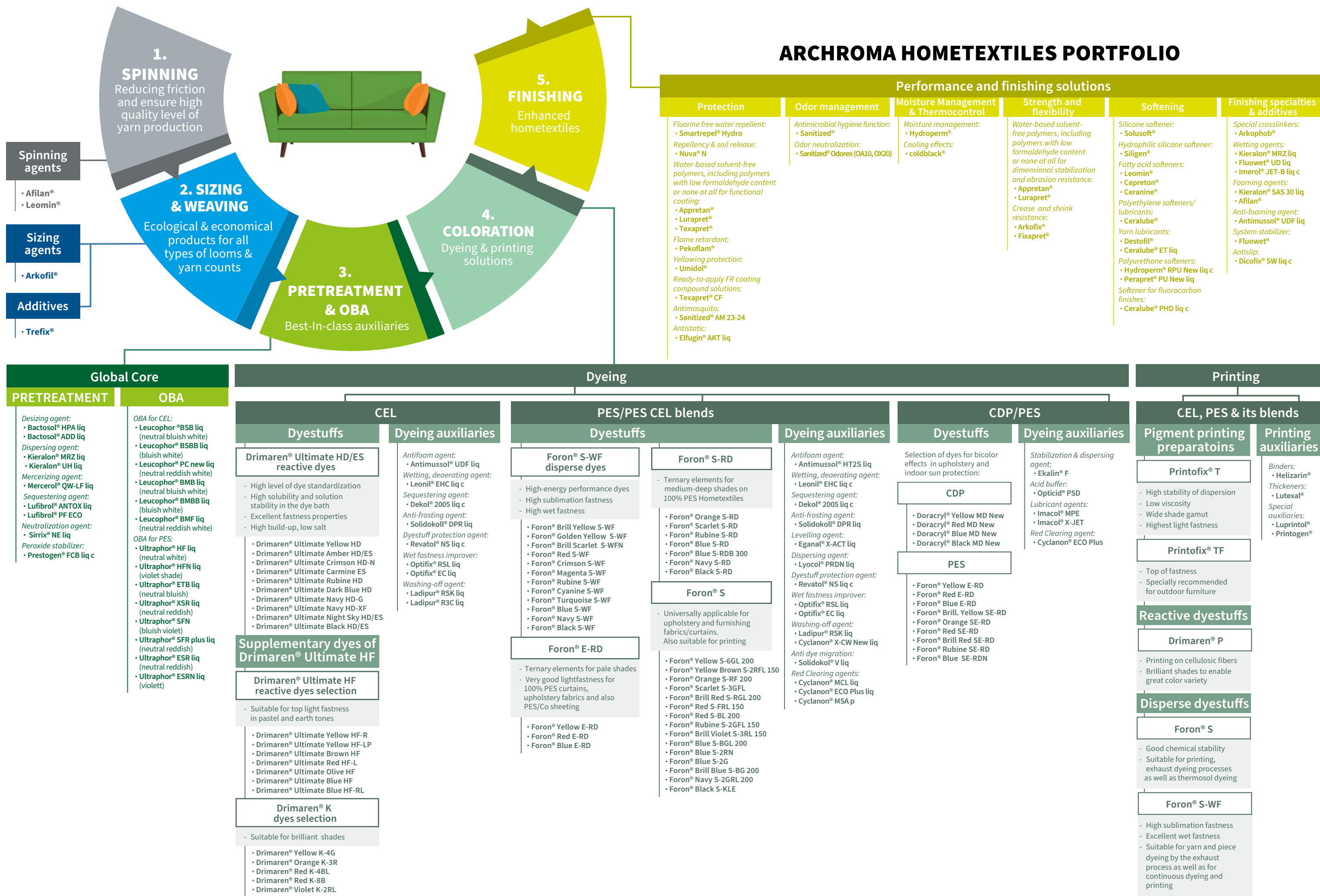
> Spotlight on **SMOOTH AS IRON**, a non-iron finishing system that keeps fabric smooth, soft and strong

> Spotlight on **POWER COTTON**, a system for durable cotton knits with more than 5 times higher abrasion resistance truly 'life proof'!

/Check our latest updates at

www.archroma.hometextiles.com

...and discover more about our
SYSTEM SOLUTIONS for hometextiles



Discover more information about pigment, reactive, disperse & acid printing in our “[Passion for Printing](#)” and [Digital Printing brochure](#).

/ THE ARCHROMA WAY TO A SUSTAINABLE WORLD

Safe, efficient, enhanced.

As a global leader in color and specialty chemicals, we are committed to develop innovative systems and services to provide you with custom solutions that are:

Safe – It's our nature to protect. Safe to use, safe to release and safe to wear.

Efficient – It's our nature to rethink sustainable manufacturing. Innovating application processes that minimize resources and maximize productivity.

Enhanced – It's our nature to add another level of value. Effects, functionality and aesthetics to give additional value, for a life enhanced.



Ask your Archroma representative for additional information on our system solutions

*Below limits of detection according to industry standard test methods.
Not intentionally added



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