

BIONIC FINISH® ECO

Flourine-free, water repellent finish
for ultimate performance

BIONIC FINISH®ECO

Fluorine-Free Water Repellent Textile Finishes For Ultimate Performance

We all come from somewhere.

We carry that place with us, wherever we go.

We come from the scientific study of nature, its beauty, its logic, its mysteries.

Somewhere within the unknown there's purpose. And we are guided toward it.

Mother Nature designed many ways to benefit of water and to be sheltered from it. Many engineering challenges humans face can be solved by using natural design as a springboard. That's bionics.

BIONIC FINISH®ECO is Mother Nature's work reproduced on textiles and apparel to protect us from water. To perform.

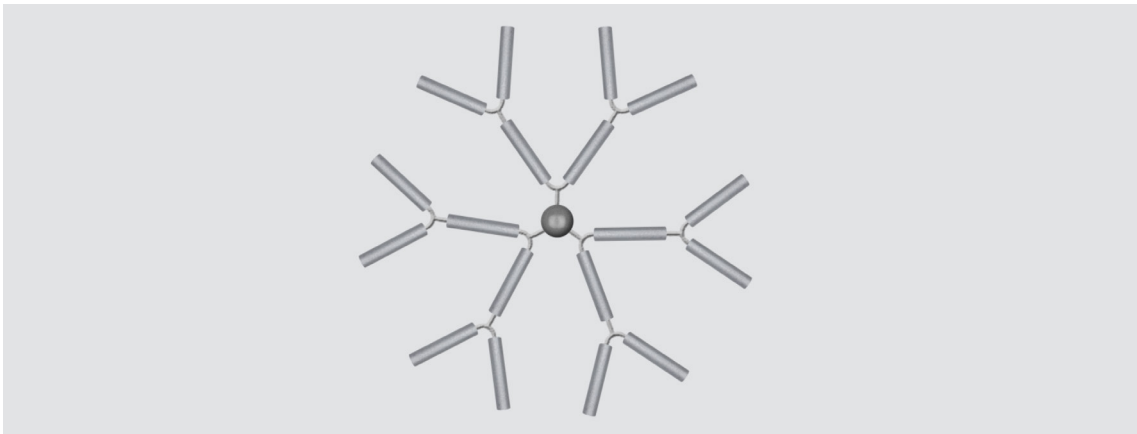


From Mother Nature we borrowed the idea of dendrimers, molecules made of multi-functional branches that interact among themselves, co-crystallize, and self-organize into highly ordered, multi-component systems. They optimize the whole structure, attach to the textile and embed fluorine-free water repellent performance.

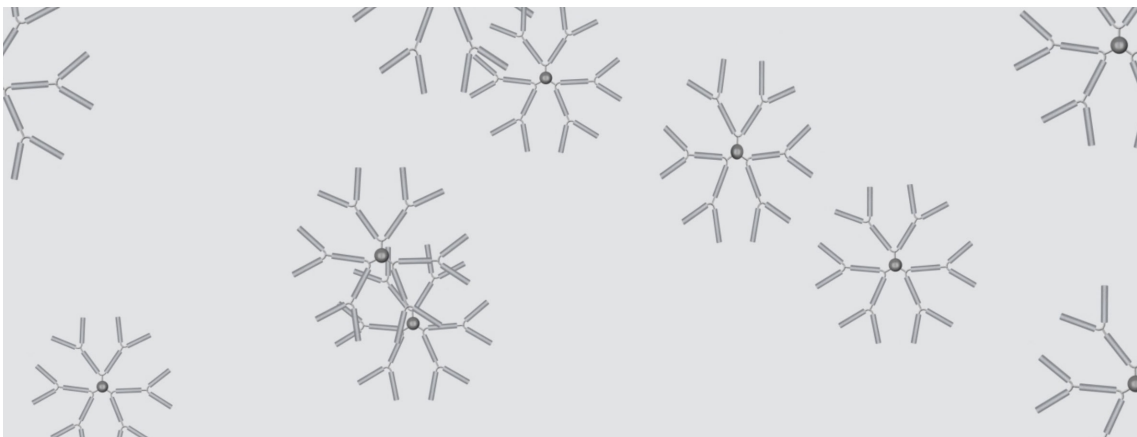
BIONIC FINISH®ECO, based on proprietary dendrimer technology, comes as a family of unique non-halogenated, APEO-free, fluorine-free formulations suited for different materials and designed for different applications and needs. Throughout the product portfolio,

BIONIC FINISH®ECO's patented dendrimer technology:

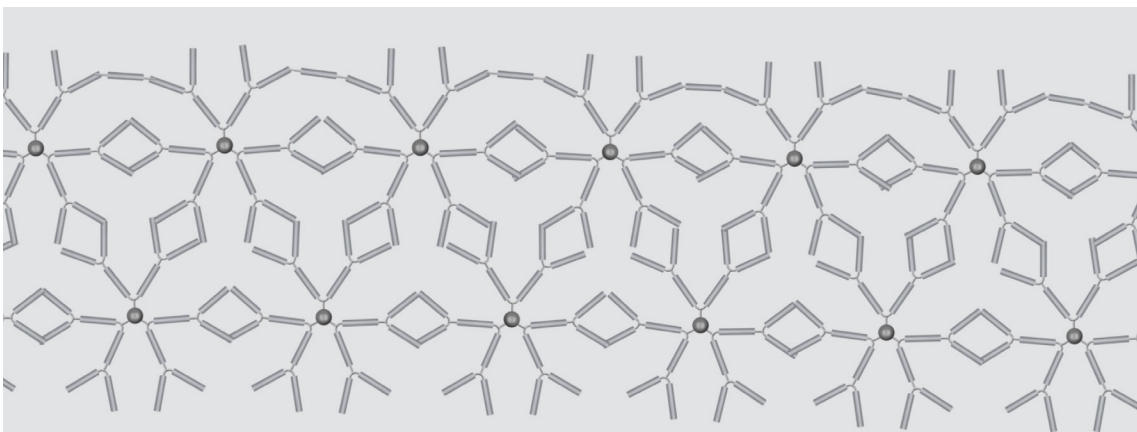
- Provides non-fluorinated and highly durable water repellent textile finishes for high performance applications;
 - Delivers highly efficient and durable performance with low application amounts thus not affecting fabric feel and appearance;
 - Fulfils a range of challenging technical requirements;
 - Is Bluesign and ZDHC chemical gateway certified and is compliant with most RSLs;
 - Is suitable for advanced technical and outdoor applications as well as for casual apparel and fashion clothing.
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○ Individual dendrimer



○ Self-allignment and organization



○ Higly ordered dendrimeric system

BIONIC FINISH®ECO portfolio includes universal and versatile solutions targeting the most standard requirements, as well as customized solutions that meet more demanding and specific expectations.

Quick Application and Properties Guide

Product	Performance Highlights	Additional Features	Main Application Method
RUCO®-DRY ECO PLUS	Highest Water Repellency and Durability	Universal High Performance Water Repellent Finish	Padding
RUCO®-DRY DHE	For Raised Fabrics such as Nap, Suede and Fleece	Softness and Retention of the Pile	Padding
RUCO®-DRY ECO DCF	Enhanced Resistance to Dry Cleaning	Resistant to Home Laundering	Padding
RUCO®-DRY ECO FPT	Minimal Impact on Flame Retardant Properties	Enhanced Laundry-Air-Dry Performance	Padding
RUCO®-DRY ECO DPC	Highest Durability on Cellulosics	Resistant to High Laundering Temperatures	Padding
RUCO®-DRY ECO PSS	Cellulosics & Synthetics	Chalkmark Resistance on Delicate Synthetics	Padding
RUCO®-COAT BC 7061 NEW	Non-ionic Product, suitable for the combination with anionic products	Universal High Performance Water Repellent Finish, non-ionic	Coating
RUCO®-COAT BC 7065	Highest Water Repellency and Durability	Universal High Performance Water Repellent Finish	Coating
RUCO®-FIL DFF	Excellent Antiwicking behaviour and abrasion resistance for ropes	High Performance Water Repellent Finish for the exhaust process	Yarn Treatment
RUCO®-FIL NWF	Excellent Antiwicking behaviour, low friction and heat protection for sewing threads	High Performance Water Repellent Finish, water free for lick-roller or metering pump	Yarn Treatment

*The products displayed are only small selection from the Rudolf product range. Your Rudolf representative may direct you to another product more suitable for your specific needs.



Front



Back

None of us can entirely predict where our voyage will lead. However, **BIONIC FINISH®ECO** will always be the fluorine-free water repellent finish for **ultimate performance**.

As it is today.

