

PULCRA® TEC RANGE
DURABLE WATER REPELLENTS

PULCRA® TEC RANGE

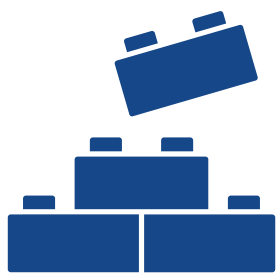
The requirements and the demand for non-fluorinated finishes is growing. PULCRA® TEC range of durable water repellents ensures that textile mills and brands are meeting the required performance levels and at the same time staying ahead of tightening regulatory restrictions.

PULCRA® TEC durable water repellents combining cutting-edge chemistry with eco-conscious principles. The range maximizes the benefits of performance, durability and sustainability.

MODULAR SYSTEM - INTELLIGENT PROTECTION

Every PULCRA® TEC product boasts its own set of strengths. By intelligently combining these modules, even the most demanding performance requirements for outdoor apparel,

workwear, sportswear, all kinds of technical textiles and home textiles can be fulfilled.



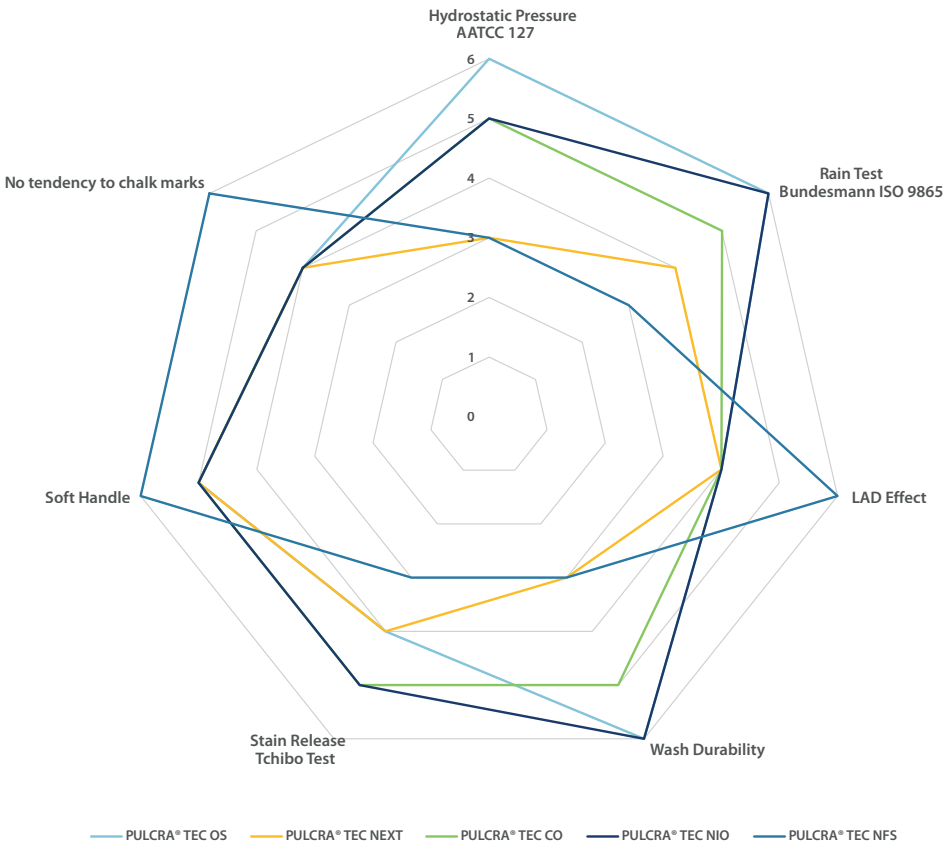
PULCRA® TEC modules:

- Can be used alone or in smart combinations
 - Easy to apply, using traditional wet finishing processes
 - Enable to optimize the performance to cost ratio for finishing recipes
- Can improve the sustainability profile
 - Offer flexibility in adapting to changing market demands or customer preferences
 - Potentially reduce the inventory of a high number of specialty products

PULCRA® TEC SECONDARY EFFECTS

Secondary effects such as hydrostatic pressure, soft handle, LAD effects and chalk marks can be crucial factors to consider alongside the primary effect of water repellency.

PULCRA® TEC Modular System enables fabric designers and textile mills to achieve the desired level of water repellency while maintaining or enhancing other important properties for the textile.



PULCRA® TEC RANGE – OVERVIEW

PRODUCT NAME	DESCRIPTION	IONIC NATURE	WATER REPELLENCY ON SYNTHETICS	WATER REPELLENCY ON CELLULOSICS	STAIN RELEASE	HYDROSTATIC HEAD	LAD EFFECT
DURABLE WATER REPELLENTS							
PULCRA® TEC NIO	Good combinability in finishing bath, universal, high-performance, high efficiency	nonionic	●●●	●●●	●●●	●●	●
PULCRA® TEC NFS	Excellent building block to achieve soft handle, LAD performance and reduce chalk marks	nonionic	●●	●	●	●	●●●
PULCRA® TEC CO	High performing especially on cellulose, GOTS approved	cationic	●●	●●●	●●●	●●	●
PULCRA® TEC OS	Universal, high-performance, high efficiency, biobased content > 50%	cationic	●●●	●●●	●●	●●●	●
PULCRA® TEC NEXT	Paraffin-based water repellent for synthetics	cationic	●●	●	●●	●	●
CROSSLINKING AGENTS							
PULCRA® TEC XL-W NEW	Enhances the wash durability of repellent finishes, free of butanone oxime	nonionic					
PULCRA® TEC X-G3	Enhances the wash durability of repellent finishes, free of isocyanates and any blocking agent, allows low temperature crosslinking	weakly cationic					
ADDITIVES							
NONAX® FCN NEW	Wetting agent to increase liquor pick-up, no negative impact on repellency effect						

PRODUCT FEATURES – PULCRA® TEC

- Excellent wash-durable water repellency
 - Lowest interference of fabric quality, such as handle, chalk marking, yellowing, color change
 - Reliable running properties
- Low-Curing properties offer economical and energy-saving options, as well as lower thermal stress on materials and less risk of color change
 - High abrasion resistance
 - Free from poly- and perfluoroalkyl substances (PFAS) / free from perfluorinated compounds (PFCs)



Pulcra Chemicals
The solution specialist



Phone: +49 8171 628 0



info@pulcrachem.com
www.pulcrachem.com



Pulcra Chemicals GmbH
Isardamm 79-83
82538 Geretsried
Germany