



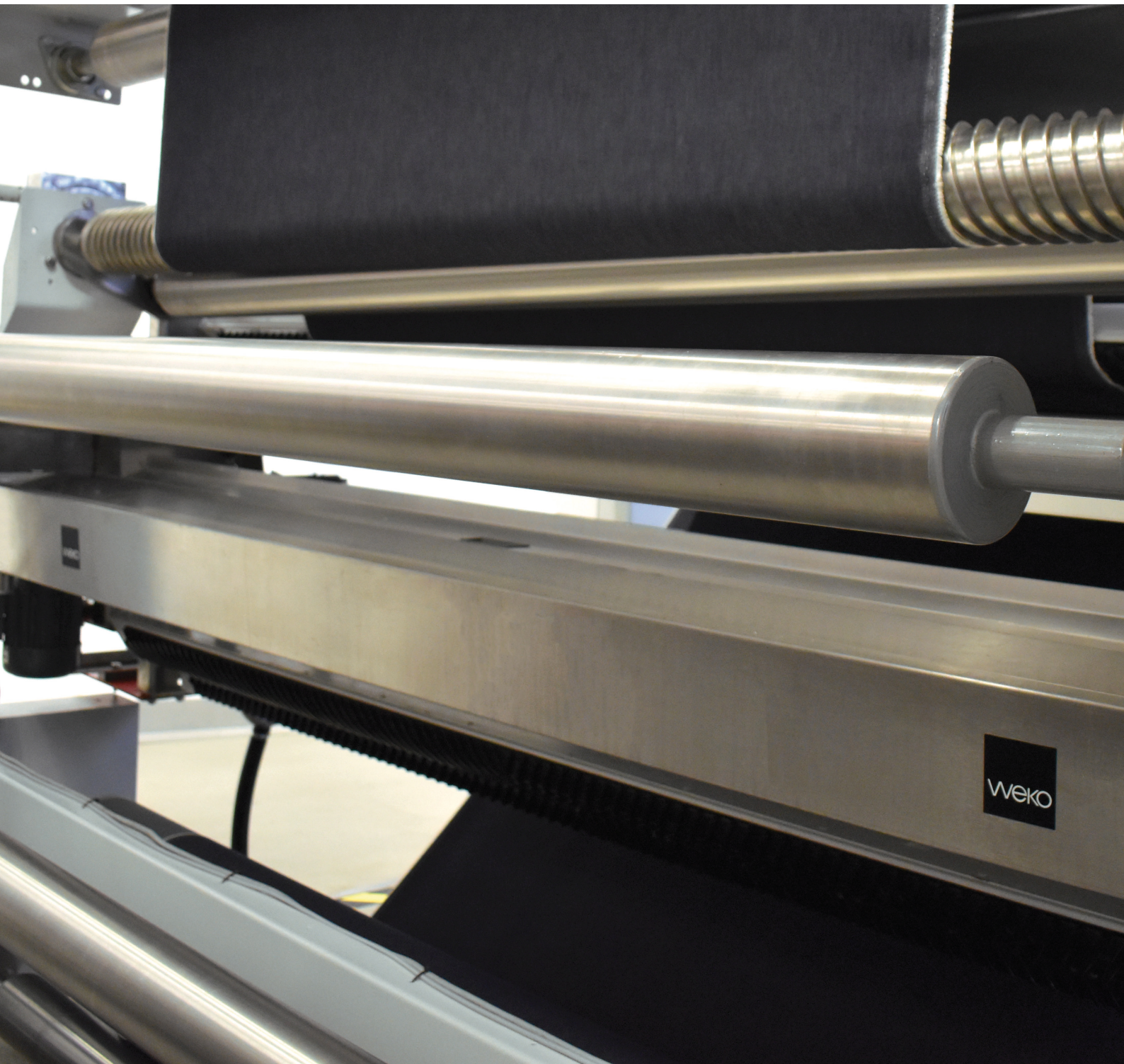
DR. PETRY  
TEXTILE AUXILIARIES



FLUID &  
POWDER  
COATING

# TEXTILE SPRAY FINISHING

Revolutionizing  
the whole textile  
finishing process







FLUID &  
POWDER  
COATING

The goal is to make textile production more sustainable and to reduce the consumption of freshwater/wastewater, chemicals, energy and waste.

### TOGETHER TOWARDS A MORE SUSTAINABLE TEXTILE INDUSTRY!

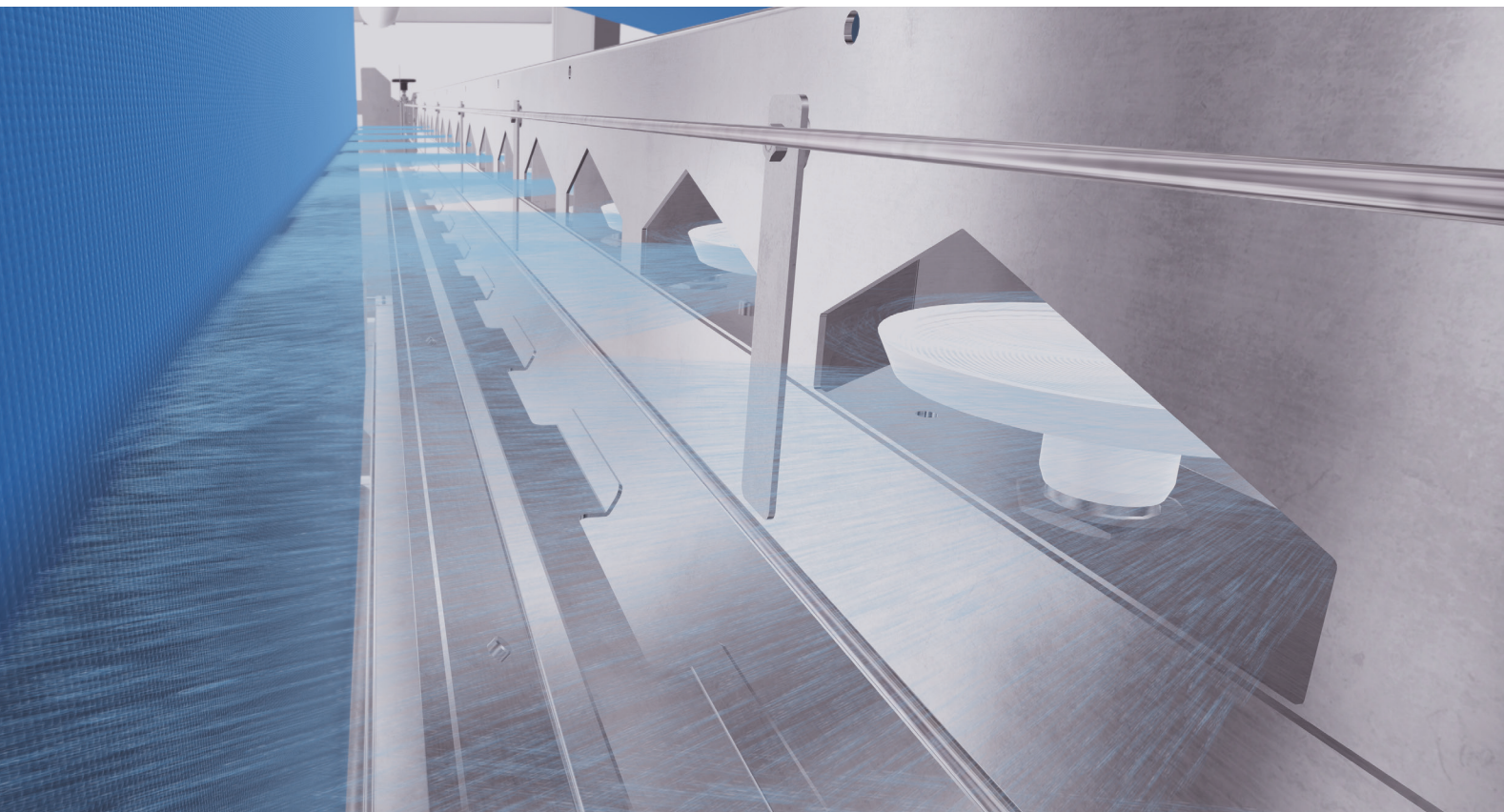
Making finishing processes more environmentally friendly with new and innovative technology. The padder/foulard is still the most widespread type of finishing today. In addition to its high flexibility, it is a well-known application method for machine operators due to its decades-long implementation. Everyone knows it and knows how it works. But is it really cutting-edge technology?

### THE REVOLUTION IN TEXTILE FINISHING - NON-CONTACT MINIMAL APPLICATION.

The contactless minimal application of WEKO fluid application systems (WFA) combines cost efficiency and resource conservation.

The necessary pick-up is only **10-35 %** and thus reduces the high drying energy and your carbon footprint.

Due to the non-contact uniform application, there is **no tailing** or **listing** and you get an excellent reproducible quality. **Single-sided, double-sided** or **different functions per side** can be applied. The penetration level can also be influenced and adapted to the respective application. The high fluid flexibility and a wide viscosity spectrum ensure versatile use.



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### EXAMPLES OF APPROVED AUXILIARIES:

#### SIZING/FINISHING

PERIPRET CT/RS liq. Sprayable solution of chitosan polymer

#### ANTIFOAMING

PERIFOAM SER Silicone antifoaming agent

#### WETTING/DEAERATING

PERIWET ELB Low foaming rapid wetting agent  
PERIWET ELR Low foaming rapid wetting, washing and deaerating agent

#### RESIN FINISHING

PERFIXAN CLY Crosslinking resin with a low content of formaldehyde for the finishing of cellulosic fibers  
PERFIXAN NOF Formaldehyde-free crosslinking resin for the finishing of cellulosic fibers and blends with synthetic fibers  
PERFIXAN PC 55 NEW Self-catalyzing crosslinking system with low formaldehyde content for the finishing of cellulosic fibers and their blends with synthetic fibers  
PERISTAL KSV Catalyst for resin finishing

#### WATER REPELLENTS

PERIGUARD WRC Fluorocarbon free water repellent for cellulosic fibers and blends thereof  
PERIGUARD EXT NEW Extender for water-repellent finish

#### STIFFENING AGENT

PERIPRET MPV Filling and stiffening agent

#### SOFTENER

PERISOFT KPE Emulsion of polyethylenes, high surface smoothness, improved sewability  
PERISOFT MSA Semi-micro emulsion of hydrophilic silicones, very soft handle, good sewability  
PERISOFT NANO Hydrophilic silicone nano emulsion, provides very soft and voluminous handle  
PERISOFT NVJ/R Hydrophilic softener for cotton knitwear and terry clothes; provides soft and voluminous handle; very low yellowing tendency  
PERISOFT SML High-quality silicone micro emulsion, very soft and smooth handle  
PERISOFT ULT Hydrophilic softener for cotton knitwear and terry clothes

#### AFTERTREATMENT AGENTS FOR FASTNESS IMPROVEMENT

PERFIXAN AMZ Fixing agent to improve the wash, wet and contact fastnesses  
PERFIXAN COMPLETE NEW Fixing agent to improve the rub fastness

#### DENIM SPRAY FINISHING

PERICOAT AC 230 Self-crosslinking acrylate, provides soft and flexible films  
PERICOAT ADD-S Additive for spray application, improves rubbing fastness and handle of spray effects  
PERFIXAN PID NEW Fixing agent to improve the wash fastness of indigo dyed fabrics



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Since our foundation in 1974, promoting sustainable development in the textile industry is one of the main goals of our company. We support our customers by offering innovative, sustainable and environmentally friendly products and processes. By applying these principles and adhering to various ecological and social standards, we help to preserve precious resources. Our development department is constantly improving our product range. We always aim to provide environmentally friendly products and ensure compliance with various industry standards.



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POWDER  
COATING**

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Germany



The non-contact minimal application of fluids and powders to a wide variety of materials is our specialty. Our systems save you fresh water, chemicals and energy. A clear cost-benefit advantage for you and for our environment. Tests for sprayability and trials outside your running production - we do for you in our WEKO-TechnologyCenter.

**BE A PIONEER** and support the revolution in textile finishing and invest in a sustainable process for our future!