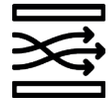
Overview of coating solutions

Coating property	Can be applied to these materials	Examples of use	Benefits
Easy release / repellent 	• Metals • Many types of plastic	• Process equipment • Heat exchangers • Tubes • Pumps	• Minimizes cleaning in processes where deposition and clogging is a challenge • Treatment of heat exchangers for antifouling provides longer, safer and more stable use
Hydrophobic / oliophobic	• Metals • Many types of plastic	• Process equipment • Heat exchangers • Tubes • Pumps • Food contact surfaces	• Efficient oil / water separation in sperators • Minimizes cleaning in processes where deposition and clogging is a challenge
Anti-ice	• Metals • Some types of plastic	• Air conditioning systems • Refrigeration units • Crystallizers	• Minimizes the need for defrosting • Ultra-low adhesion of ice on surfaces • Keeps heat exchangers free of ice
Flame retardent	• Fabric materials • Fiber materials	• Consumer products • Products exposed to open flame or risk of sparks	• Minimizes the likelihood of fire • Withstands high temperatures
Electrically insulating	• Metals • Some types of plastic	• Engines • Conveyor belts • Printed circuit boards	• Prevents electric shock • Prevents the build-up of static electricity
Fluoropolymer replacement	• Metals • Some types of plastic • Fiber materials	• Process equipment • Tubes • Pumps • Consumer products	• Has the same repellent properties and good adhesion as fluorine-containing products - without the use of harmful substances
Scratch resistant	• Metals • Most types of plastic • Glass and transparent plastic	• Process equipment • Consumer products	• Reduces scratches • Protects the surface • Extends lifespan

The above coatings are our 'standard range' that we can adapt to your needs. If you need properties that are not listed here, you are welcome to contact us - and we will see if we can find a solution.

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