

COATING OVERVIEW



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Finishing Coating	PFAS free	Standard Appearance	Alternative Colours	UV indicator	Application	Dynamic Application		Temperature Area [°C]	
						good dynamic	light dynamic	min.	max.
Long-term cleaning „LABS-free“	■	<i>matt</i>			- dry automatic assembly ease - painting systems				
Silicone	■	transparent <i>smooth</i>			assembly ease				
Silicone-FDA	■	transparent <i>smooth</i>			- assembly ease - FDA				
Fluorination		<i>matt</i>			- assembly ease - light dynamic - sanitary		■		
Talcum powder	■	grey <i>rough</i>			assembly ease				
Molybdenum disulphide	■	grey silver <i>rough</i>			assembly ease				
Polysiloxane S13x	■	transparent <i>smooth</i>	rust red	■	- very good for assembly ease - soft and smooth surface		■	-40	+180
Polysiloxane S26x	■	transparent <i>smooth</i>	red, blue, yellow, green, white, orange, violet, grey	■	- wear resistant - soft and smooth surface		■	-40	+150
3K-Coating	■	transparent <i>smooth</i>			- assembly ease - automotive			-70	+250
PTFE-FDA-DVGW		milky <i>smooth</i>			- assembly ease - DVGW, NSF, FDA (drinking water, foodstuff, medicine)			-40	+200
PTFE-transparent		transparent <i>smooth</i>		■	- wear resistant - permanently separated		■	-40 / -70*	+150 / 250*
PTFE-Color		colored <i>smooth</i>	red, blue, yellow, green, white, orange, violet, grey	■	- wear resistant - permanently separated - color differentiation		■	-40 / -70*	+150 / 250*

Notes: operating temperatures are recommendations of the paint manufacturers

* depending on the application (coating type and base material)

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PTFE-Color-NSF		colored <i>smooth</i>	blue (further colors on request)	■	· assembly ease · NSF, FDA			-40	+200
PTFE-MS		transparent <i>smooth</i>	red, blue, yellow, green, white, orange, violet, grey	■	· assembly ease · separation			-40	+180
PTFE-Black-smooth		black <i>smooth</i>	grey	■	· hydraulic · dynamic	■		-40	+180
PTFE-Black-rough		black <i>rough</i>	grey	■	· hydraulic · dynamic	■		-40	+180
PTFE-Black-conductive		black-anthracite <i>smooth</i>		■	· electrically conductive · dynamic	■		-70	+250
Polymer K25x	■	transparent <i>smooth</i>	red, blue, yellow, green, white, orange, violet, grey	■	· permanently separated · assembly ease · prevention of stick-slip effect			-70	+150
Polymer K27x	■	transparent <i>smooth</i>	red, blue, yellow, green, white, orange, violet, grey	■	· high abrasion resistance · friction reduction · electrically conductive on request			-70	+150
Polymer-Black-conductive	■	Grey-black <i>smooth</i>		■	· wear resistant · electrically conductive	■		-70	+150
Parylene	■	transparent <i>rough</i>			· biocompatible · ISO 10993, USP Cl.VI, FDA · electrically insulating		■		+60 / +350*

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