







Filter Selection Guide

							
Applikation	Detail description	PE-Filter 40µm	PTFE-Filter 10µm	PTFE-Filter 2µm	Wire mesh Filter 10µm	Wire mesh Filter 15/25µm	PE-Filter 2µm
Building automation without condensation	Normal application	✓					
Office	Normal application	✓					
Laboratory in general	Normal application	✓					
Chemistry	Normal application		✓				
Chemistry	Waterproofness required			✓			
Meteorology	In weather hut / normal environment				✓		
Meteorology	In weather hut/ fine dust						✓
High humidity with condensation	Normal application				✓		
High humidity with condensation	Corrosive environment / polluted air		✓				
Fine dust	Greater than 10µm particles		✓				
Fine dust	Greater than 2µm particles						✓
Fine dust	Greater than 1µm particles			✓			
Drying processes	<= 100 °C / without fine dust				✓		
Drying processes	<= 100 °C / with fine dust						✓
Drying processes	<= 200 °C / without fine dust				✓ Metal carrier		
Drying processes	<= 200 °C / with fine dust / larger than 10µm particles		✓ Metal carrier				
Drying processes	<= 200 °C / with fine dust			✓ Metal carrier			
HVAC	Standard	✓					
HVAC	Speed >30m/s or abrasive flow					✓	
Abrasive parts in the air flow	Normal application					✓	
Greenhouse	Normal application	✓					
Storage without condensation	Normal application	✓					
Bearing without condensation	With fine dust						✓
Warehouse without condensation		✓					
Forwarding halls	With fine dust						✓
Medical clean rooms	Normal application		✓				
Medical clean rooms	With wipe cleaning			✓			
Flour production	Dry / fine dust						✓
Flour production	Humid environment (short-term)			✓			
Paint shop	With solvent			✓			
Paint shop	Water-soluble paints						✓
Climatic chambers 180 °C	Normal application				✓ Metal carrier		
High temperature applications	< 200 °C general				✓ Metal carrier		
High-temperature applications	< 200 °C fine dust		✓ Metal carrier				
High temperature applications	< 200 °C abrasive environment					✓	
Agricultural applications	Normal application			✓			
Maritime applications (buoys, etc..)	Normal application					✓	

! Please note that this filter selection guide is for general guidance only, based on typical use cases. Rotronic/PST assumes no liability for the selection and use of filters based on this guide. Always consult Rotronic's official product documentation or PST's support team for comprehensive specifications.