Filter Data Sheet

Filter Description

Description	P3 PLEXTEC
Part Number	10094376
Marking according to EN	P3 R
Conditions of use	• particles
Color Code	



Filter Characteristics

Weight (g)	80
Diameter (mm)	104
Height incl. thread (mm)	46
Connection	EN 148 - 1

Breathing Resistance

at	*EN 143 requirements*	*Filter typical values*
30 l / min	1,20 mbar	0,80 mbar
95 l / min	4,20 mbar	2,60 mbar

Filter Performances

Filter type and class	*Particles of reference*	*EN 143 requirements*	*Filter typical values*
P3	sodium chloride (NaCl) paraffin oil	0.05% 0.05%	< 0,001% < 0,003%

Preload test

At a concentration of 400 ±100 mg / m^2 dolomite dust is loaded until the product of dust concentration and duration is 263 mg x h / m^2. (loading value)

Requirements:	The particle filter is not allowed to exceed the pressure difference of 700 Pa after the loading.
Filter typical values:	310 Pa (after 46 minutes of loading)

Material

housing	polypropylene
cover	polypropylene
filtering material	fiber glass paper