

Filter Data Sheet

Filter Description

Description	P3 PLEXTEC
Part Number	10094376
Marking according to EN	P3 R
Conditions of use	<ul style="list-style-type: none"> 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)	0.05%	< 0,001%
	paraffin oil	0.05%	< 0,003%

Preload test

At a concentration of $400 \pm 100 \text{ mg} / \text{m}^2$ dolomite dust is loaded until the product of dust concentration and duration is $263 \text{ mg} \times \text{h} / \text{m}^2$. (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