Product data sheet: Antistatic pocket filters

Pocket filters in antistatic design are made of a special electrostatically conductive filter medium. The material is processed as standard at the automated sewing center KSL, which ensures the conicity of the filter pockets. The individual pockets are then inserted into galvanized steel frames equipped with an earthing clamp in the form of an approx. 30 cm earthing cable with a loop.

Pocket filters in antistatic design are standardly manufactured in classes M5 (ISO ePM10 50%) and F7 (ISO ePM2.5 65%). The filters meet the requirements for use in areas with a risk of explosion zone 2, zone 1, zone 0 (EN 1127-1) with the presence of gases and vapors of explosion subgroup IIA, IIB, IIC (EN 50014) and in areas with a risk of dust explosion zone 22, zone 21 and zone 20 (EN 1127-1). The filters are therefore used mainly in paint shops, chemical plants, the rubber industry, the production of ammunition, etc. Maximum thermal resistance of the filter up to 150 ° C.

Please consult the manufacturer for any requirements for filters with other filter classes.

In addition to unified dimensions, we also produce pocket filters in atypical dimensions.

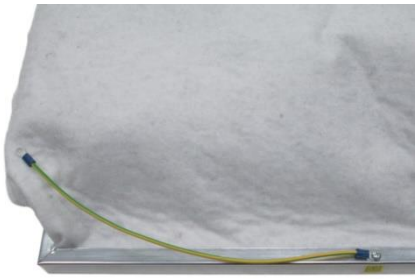
Reference parameters of pocket filters measuring 592 x 592 x 600 mm:

EN 779	M5	F7
EN ISO 16890	ePM_{10} 50 %	$ePM_{2,5}$ 65%
Nominal air flow rate	3400 m^3/h	2800 m^3/h
Initial pressure drop	100 Pa	110 Pa
Recomm. final pressure loss	300 Pa	300 Pa

Filters are disposed of in incinerators or can be disposed of in a municipal waste landfill.

Packaging: Packed in cartons; the label indicates the type of filter, size, efficiency according to EN ISO 16890, or filtration class and manufacturer.

Warranty: The warranty on the filters is given for the entire life of the filter.



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