



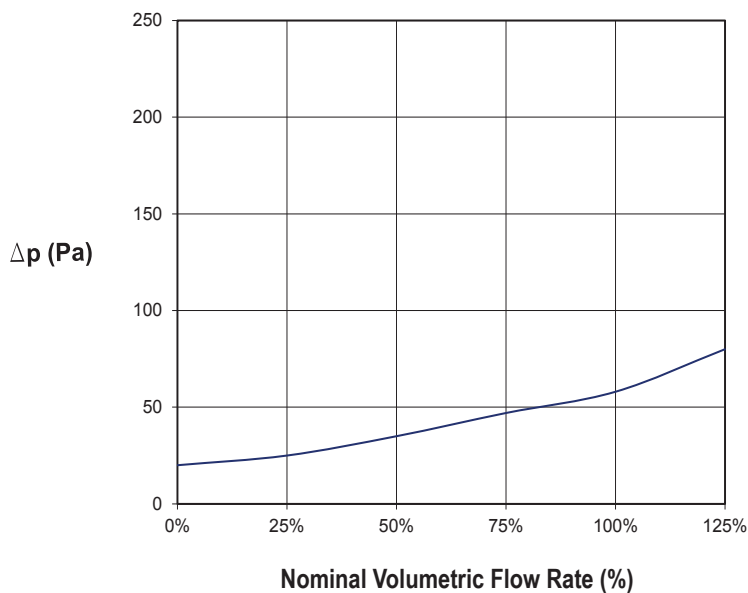
Poli-Pleat 16TR

Rigid pocket filter with high-resistance moulded polypropylene structure and pleated filter medium in 100% polypropylene with progressive density. Efficiency class M6. Completely incinerable

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM10 65%
EFFICIENCY class (CEN EN779-2012)	M6
AVERAGE colorimetric efficiency:	60-80%
MAXIMUM WORKING temperature:	90°C
RELATIVE humidity:	100%
INITIAL pressure drop:	65 Pa
RECOMMENDED final pressure drop:	450 Pa
MAXIMUM pressure drop:	1,3 X nominal flow rate
RECOMMENDED filtering speed:	0,065 m/s
FIRE reaction:	class F1 - (DIN53438/3)

Pressure Drops



SELECTION CHART

Model [code]	Dimensions W x D x H [mm]	Nominal Flow Rate [m³/h]	Filtering Surface [m²]
16PP29	290X592X292	2.125	8,5
16PP49	490X592X292	3.500	15,0
16PP59	592X592X292	4.250	18,0

PRESSURE DROP DIAGRAM (Air temperature 20°C)

Diagram

Pressure drop determining curve with a clean filter (Dp) based on percentage change in the flow rate or nominal speed.

FILTERING MEDIA

The filtering media in 100% polypropylene with progressive density is pleated and uniformly spaced out with thermoplastic polypropylene separators. This configuration allows obtaining a long-lasting filter taking up little space. The filter has been tested for a maximum resistance of 6250 Pa. The materials used in the filter are completely incinerable.

APPLICATIONS

Filtration in air treatment units, filtration in painting plants, prefiltration of absolute filters.

PRODUCT DISPOSAL

As the product is entirely made of plastic, it can be disposed of in one single solution. The CER code for disposal is 150202.

GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica contribute to obtain the credits of the major international rating systems for sustainable buildings:



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Contributes to credits:
IP, EA, MR



WELL

Contributes to credits:
AIR, MATERIALS, COMMUNITY

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BREEAM

Contributes to credits:
MAN, WST

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APPLICATIONS

OEM	Residential	Easy Pack	REACH Certificate	RoHS Certificate	Industry	Building	Air conditioning	CMV

*On request