



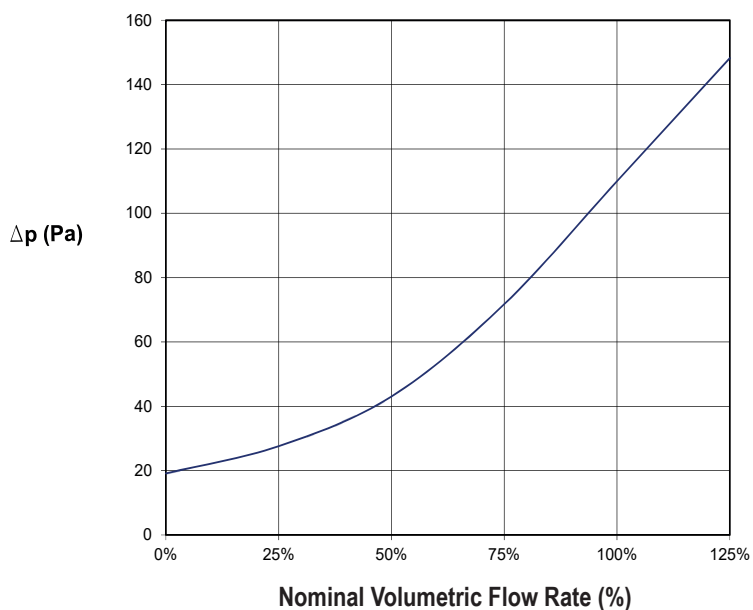
# Glass-Pleat 17GP

Rigid pocket filters with high-resistance moulded polypropylene structure and filter medium in fireproof and water-repellent pleated micro glass fibre paper. Efficiency class F7.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM1 50%
EFFICIENCY class (CEN EN779-2012)	F7
AVERAGE colorimetric efficiency:	80-90%
MERV	13
MAXIMUM WORKING temperature:	80°C
RELATIVE humidity:	100%
INITIAL pressure drop:	110 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]
17GP29	290 X 592 X 292	2.125	8,5
17GP49	490 X 592 X 292	3.500	15,0
17GP59	592 X 592 X 292	4.250	18,0
17GP29-7	290 X 592 X 292	2.000	7,0
17GP49-11	490 X 592 X 292	3.300	11,0
17GP59-14	592 X 592 X 292	4.000	14,0

### 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 filter fireproof and water repellent microfiber glass paper media is pleated and spaced by thermoplastic separators. The configuration allows to obtain a long-lasting and space-saving filter. 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:



### LEED

Contributes to credits:  
IP, EA, MR, IN



### WELL

Contributes to credits:  
AIR, MATERIALS, COMMUNITY

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### BREEAM

Contributes to credits:  
MAN, WST

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl

## APPLICATIONS

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

\*On request