



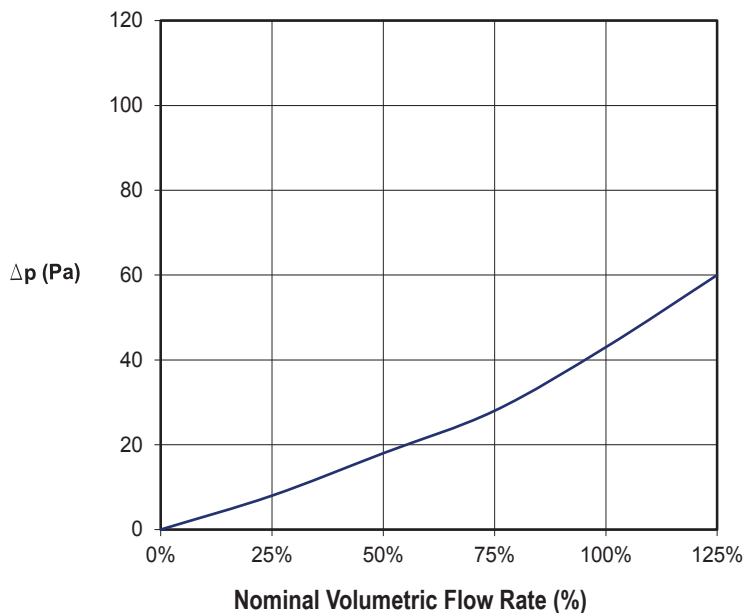
# Soft Pocket 14TF

Soft synthetic pocket filter with U-section galvanised steel frame and filter bags in 200 g/m<sup>2</sup> polyester fibre with progressive density on the air outlet side. Efficiency class G4.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

|                                      |                         |
|--------------------------------------|-------------------------|
| EFFICIENCY class (EN ISO 16890:2016) | Group ISO ePM10 50%     |
| EFFICIENCY class (CEN EN779-2012)    | G4                      |
| AVERAGE gravimetric efficiency:      | 90%                     |
| FILTER FABRIC basic weight:          | 200gr/mq                |
| THICKNESS:                           | 20-22 mm                |
| MAXIMUM WORKING temperature:         | 100°C                   |
| RELATIVE humidity:                   | 100%                    |
| INITIAL pressure drop:               | 43 Pa                   |
| RECOMMENDED final pressure drop:     | 250 Pa                  |
| MAXIMUM pressure drop:               | 400 Pa                  |
| DUST ACCUMULATION capacity:          | 351 gr/mq               |
| RECOMMENDED frontal air speed:       | 1,5 m/s                 |
| FIRE reaction                        | class F1 - (DIN53438/3) |
|                                      | class M1 - NF-F-16-101  |

### Pressure Drops



### SELECTION CHART

| Model [code] | Dimensions W x D x H [mm] | Pockets [n] | Nominal Flow Rate [m <sup>2</sup> ] | Filtering Surface [m <sup>2</sup> /h] |
|--------------|---------------------------|-------------|-------------------------------------|---------------------------------------|
| 14TF/3.290.3 | 290 X 595 X 360           | 3           | 1.650                               | 1,3                                   |
| 14TF/5.490.3 | 490 X 595 X 360           | 5           | 2.750                               | 2,1                                   |
| 14TF/6.595.3 | 595 X 595 X 360           | 6           | 3.300                               | 2,6                                   |
| 14TF/3.290.5 | 290 X 595 X 500           | 3           | 2.300                               | 1,8                                   |
| 14TF/5.490.5 | 490 X 595 X 500           | 5           | 3.800                               | 3,0                                   |
| 14TF/6.595.5 | 595 X 595 X 500           | 6           | 4.500                               | 3,6                                   |

Note: Also available with 620mm depth

### 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 is made up of polyester fibre with progressive density on the air outlet side. The chemical-physical nature of the fibres and the separators welded to the inside of each bag ensure low pressure drops, maximum efficiency, maximum accumulation capacity and a larger filtering surface.

## APPLICATIONS

Filtration in air treatment units of civil buildings and in painting plants. Prefiltration of high-efficiency filters.

## PRODUCT DISPOSAL

Dispose of the product by separating the metal part from the filtering part. The CER code for disposal of the metal part is 120101. The CER code for disposal of the filtering part 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:  
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Contributes to credits:  
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**BREEM®**

**BREEM**

Contributes to credits:  
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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