

# Nanoclass Square Pro

## FL HT

### Product Range



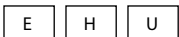
### Features



### Applications



### Filter Class



### KEY FACTS

- High efficiency (H13 > 99.95 %, H14 > 99.995 % at MPPS)
- Available in filter classes E11 to U16
- High temperature resistance up to 120 °C
- Available in depths of 75 and 95 mm
- Minipleat technology for laminar flow
- Low pressure drop
- Guaranteed leak free

### DESIGN

Filter medium constructed from various grades of microglass fiber paper folded into a pack. Continuous thread separators coated with adhesive support the pleats. As standard, the pack is sealed into an anodized aluminum frame.

### APPLICATIONS

Final filter for clean rooms and clean workbenches. For separation of viruses, bacteria, toxic dust and aerosols, in hospitals/medical institutes, chemists, laboratories, clean rooms, pharmacy, food processing industry, microelectronics.

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### PERFORMANCE DATA

| Article No.  | Filter Class | Dimensions       | Flow Rate         | Pressure Drop | Article No.  | Filter Class | Dimensions       | Flow Rate         | Pressure Drop |
|--------------|--------------|------------------|-------------------|---------------|--------------|--------------|------------------|-------------------|---------------|
|              | EN 1822      | mm               | m <sup>3</sup> /h | Pa            |              | EN 1822      | mm               | m <sup>3</sup> /h | Pa            |
| 800525024089 | H13          | 305 x 610 x 75   | 300               | 90            | 800525024102 | H14          | 305 x 610 x 75   | 300               | 105           |
| 800525024092 | H13          | 457 x 457 x 75   | 350               | 90            | 800525024105 | H14          | 457 x 457 x 75   | 350               | 105           |
| 800525024093 | H13          | 457 x 610 x 75   | 450               | 90            | 800525024106 | H14          | 457 x 610 x 75   | 450               | 105           |
| 800525024094 | H13          | 610 x 610 x 75   | 600               | 90            | 800525024107 | H14          | 610 x 610 x 75   | 600               | 105           |
| 800525024095 | H13          | 610 x 762 x 75   | 750               | 90            | 800525024108 | H14          | 610 x 762 x 75   | 750               | 105           |
| 800525024096 | H13          | 610 x 915 x 75   | 900               | 90            | 800525024109 | H14          | 610 x 915 x 75   | 900               | 105           |
| 800525024098 | H13          | 610 x 1220 x 75  | 1200              | 90            | 800525024111 | H14          | 610 x 1220 x 75  | 1200              | 105           |
| 800525024099 | H13          | 762 x 1220 x 75  | 1500              | 90            | 800525024112 | H14          | 762 x 1220 x 75  | 1500              | 105           |
| 800525024100 | H13          | 1220 x 1220 x 75 | 2400              | 90            | 800525024113 | H14          | 1220 x 1220 x 75 | 2400              | 105           |
| 800525024115 | H13          | 305 x 610 x 95   | 300               | 90            | 800525024128 | H14          | 305 x 610 x 95   | 300               | 100           |
| 800525024118 | H13          | 457 x 457 x 95   | 350               | 90            | 800525024131 | H14          | 457 x 457 x 95   | 350               | 100           |
| 800525024119 | H13          | 457 x 610 x 95   | 450               | 90            | 800525024132 | H14          | 457 x 610 x 95   | 450               | 100           |
| 800525024120 | H13          | 610 x 610 x 95   | 600               | 90            | 800525024133 | H14          | 610 x 610 x 95   | 600               | 100           |
| 800525024121 | H13          | 610 x 762 x 95   | 750               | 90            | 800525024134 | H14          | 610 x 762 x 95   | 750               | 100           |
| 800525024122 | H13          | 610 x 915 x 95   | 900               | 90            | 800525024135 | H14          | 610 x 915 x 95   | 900               | 100           |
| 800525024124 | H13          | 610 x 1220 x 95  | 1200              | 90            | 800525024137 | H14          | 610 x 1220 x 95  | 1200              | 100           |
| 800525024125 | H13          | 762 x 1220 x 95  | 1500              | 90            | 800525024138 | H14          | 762 x 1220 x 95  | 1130              | 100           |
| 800525024126 | H13          | 1220 x 1220 x 95 | 2400              | 90            | 800525024139 | H14          | 1220 x 1220 x 95 | 2400              | 100           |

### SPECIFICATION

|                      |                  |                                 |                      |
|----------------------|------------------|---------------------------------|----------------------|
| Recommended air flow | Flow rate ± 10 % | Recommended final pressure drop | 450 Pa (max. 600 Pa) |
| Heat resistance      | Up to 120 °C     | Moisture resistance             | 100 % rel. humidity  |
| Regenerable          | No               | Incinerable                     | No                   |

### OPTIONS

|        |                                    |
|--------|------------------------------------|
| Gasket | Neoprene flat gasket, 1 or 2 sides |
| Grid   | 1 or 2 sides                       |