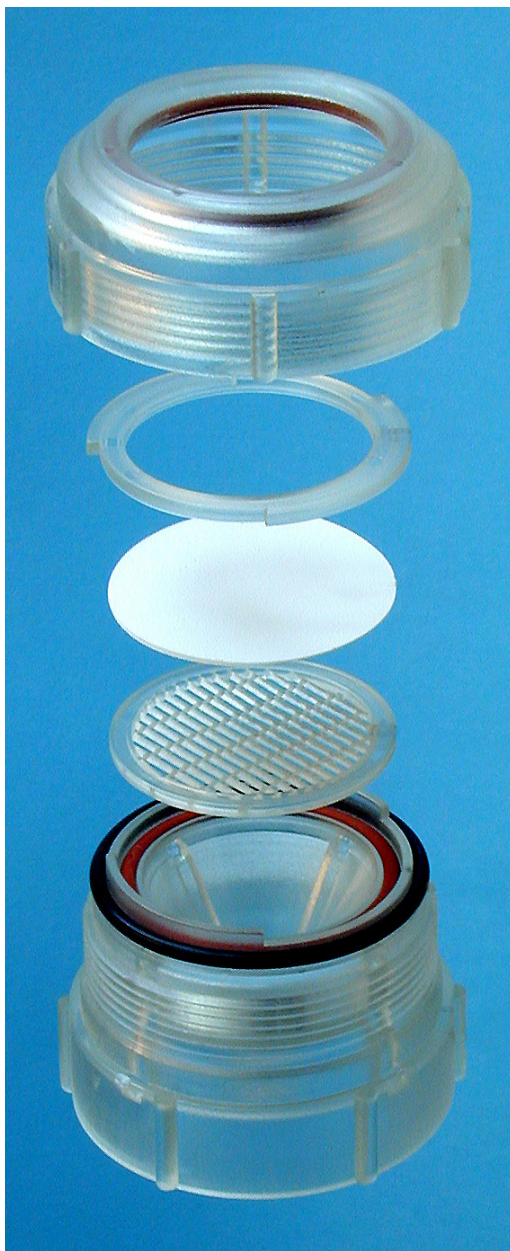


NILU Filter Holder System

The NILU filter holder system is designed for sampling of particles and gaseous compounds on impregnated filters in air pollution measurements. It includes an in-line and an open-face version, both of which can be used with several successive stages of filters.



Filters with different pore size or impregnating agents can be used. The filter holders are produced by injection moulding of polycarbonate.

The filter holder system may be connected to the air flow in two ways. The front of **Inlet inline** and the end of **Outlet section** have
a: tapered centerholes and
b: outside threads R 1/4".

The filter holders are designed for filters with 47 mm diametres and the exposed area has a diameter of 40 mm.

An optional backing which exposes an area with diameter 25 mm is also available. Options are also protection covers and gasket.



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NILU Filter Holder System

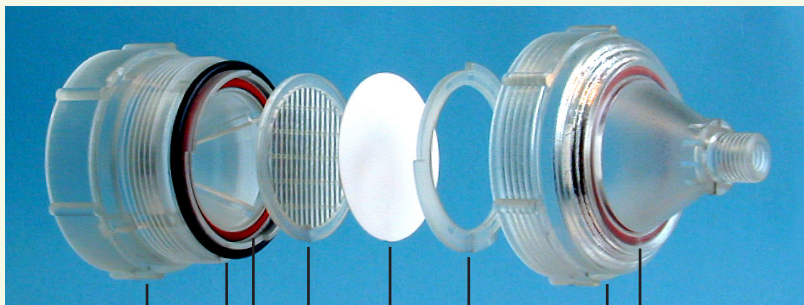


Type: **One stage inline 9631**

Diameter: 70 mm

Length: 90 mm

(The filter shown is not included)



Outlet section **9656**

O-ring nitrile **9652**

O-ring silicone **9651**

Backing 40 mm **9658**

O-ring silicone **9651**

Inlet inline **9657**

Clamping ring 40 mm **9659**

Filter 47 mm **9665**

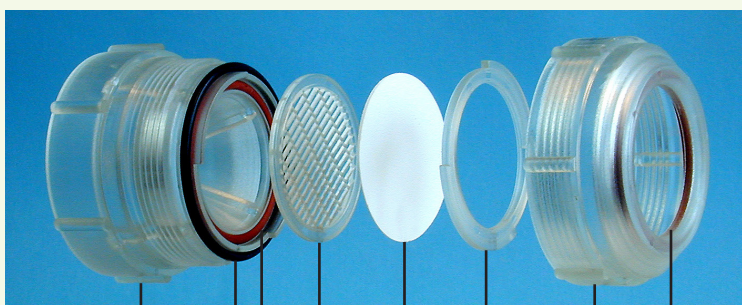


Type: **One stage open face 9633**

Diameter: 70 mm

Length: 56 mm

(The filter shown is not included)



Outlet section **9656**

O-ring nitrile **9652**

O-ring silicone **9651**

Backing 40 mm **9658**

O-ring silicone **9651**

Inlet open face **9655**

Clamping ring 40 mm **9659**

Filter 47mm **9665**

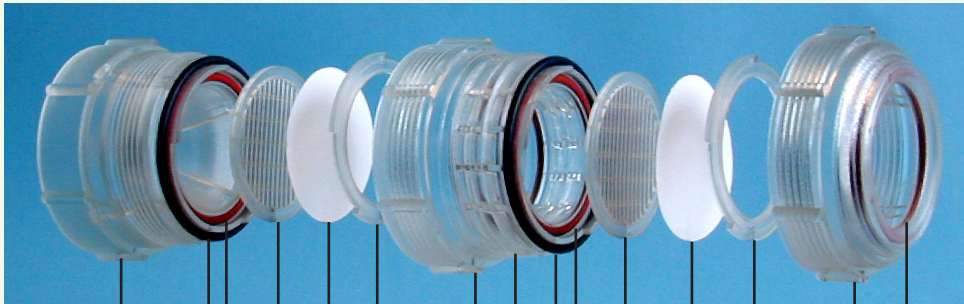


Type: **Two stage open face 9634**

Diameter: 70 mm

Length: 81 mm

(The filters shown is not included)



Outlet section **9656**

O-ring nitrile **9652**

O-ring silicone **9651**

Backing 40 mm **9658**

Filter 47 mm **9665**

Clamping ring 40 mm **9659**

O-ring silicone **9651**

Inlet open face **9655**

Clamping ring 40 mm **9659**

Filter 47 mm **9665**

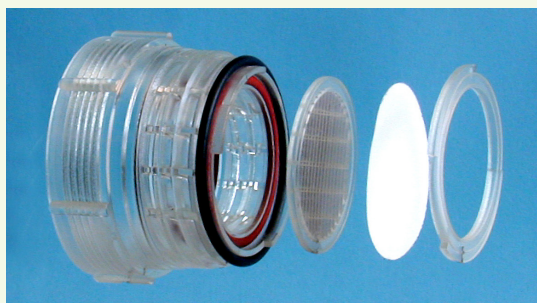
Backing 40 mm **9658**

O-ring silicone **9651**

O-ring nitrile **9652**

O-ring silicone **9651**

Middle section **9654**



Type: **Middle section complete 9637**

Consist of: Middle section **9654**

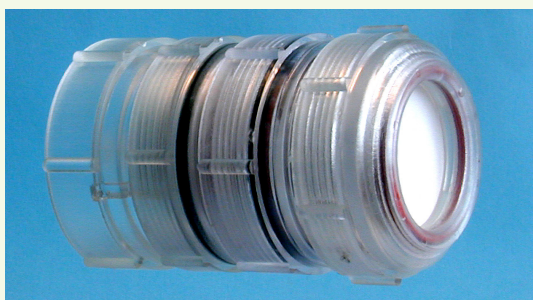
O-ring silicone **9651**

O-ring nitrile **9652**

O-ring silicone **9651**

Backing **9658**

Clamping ring **9659**



Type: **Three stage open face 9635**

Diameter: 70 mm

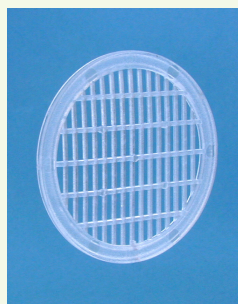
Length: 116 mm

NILU Filter Holder System



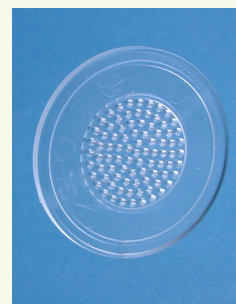
9655

Inlet open face



9658

Filter backing, 40 mm



9660

Filter backing, 25 mm



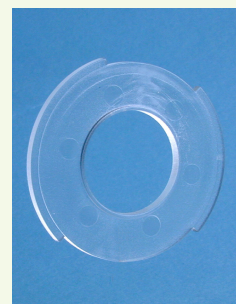
9657

Inlet inline



9659

Clamping ring, 40 mm



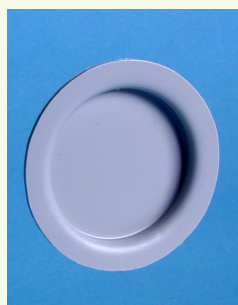
9661

Clamping ring, 25 mm



9654

Middle section



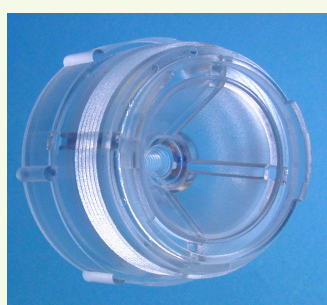
9663

Open face protection cover



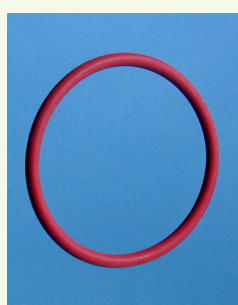
9653
(for 9657
and 9656)

Protection cover



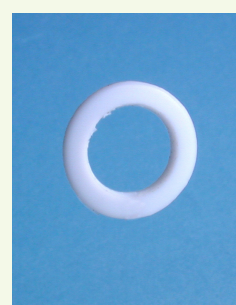
9656

Outlet section



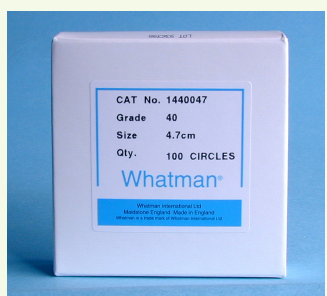
9651
41 mm
silicone
(Red)
9652
50 mm
nitrile
(Black)

O-rings



9662
(for 9657
and 9656)

Gasket, teflon



Filter paper, 47 mm
(Box containing 100 filters)
9665