

Polydisc TF and VACU-GUARD Whatman™ vacuum pump protection filters



Polydisc TF



VacuGuard

Polydisc TF 0.45 µm and VACU-GUARD 0.2 µm

- For the protection of vacuum pumps
- Virgin polypropylene filter body, PTFE membrane

Cat. No.	Description	Units/box	€/box
036454	Polydisc Filter TF ø 50 mm 0.45 µm	10	NC -
036568	VACU-GUARD Filter ø 50 mm 0.2 µm	10	NC -
036862	VACU-GUARD Filter ø 60 mm 0.2 µm	10	NC -

VACU-GUARD 150 capsules



For the protection of vacuum or pressurised systems to reduce the risk of exposure to hazardous vapours. 0.2 µm PTFE membrane providing > 99.99% retention of airborne particles greater than or equal to 0.1 µm in size.

Media available :

- (1) **activated carbon** : adsorption of odours carried by gases and vapours;
- (2) **desiccant** : anhydrous calcium sulphate media impregnated with calcium chloride;
- (3) **Molecular sieve** : silica aluminate zeolite media for organic and alkaline vapours.

Model	VACU-GUARD 150 Activated Carbon	VACU-GUARD 150 Desiccant	VACU-GUARD 150 Molecular sorting
Chemistry	Activated Carbon (1)	Calcium Anhydrous (2)	Alumino Silicate Zeolite (3)
Media	PTFE	PTFE	PTFE
Area or weight	82 000 m ²	318 g	363 g
Specific flow rate (SLPM)			
At 0.1 bar	210	280	250
At 0.5 bar	450	600	570
Maximum operating pressure			
Dry gas	4 bar	4 bar	4 bar
Wet gas	1 bar	1 bar	1 bar
Cat. No.	036455	036456	036457
€	NC -	NC -	NC -

Carbon Cap capsules



Carbon Cap

Capsule filled with acid-washed granular activated carbon and a pleated HEPA filter that removes 99.97% of particles larger than 0.3 µm.

- Large surface area of activated carbon
- 2 sizes (Carbon Cap) depending on your application
- Designed for in-line use with its grooved connections (hose connectors)

Cat. No.	Description	€
036458	Carbon Cap 75 (40 g activated carbon)	NC -



Nalgene™ syringe filters



- Polypropylene body
- Membranes in PES, nylon, AC for hydrophilic solutions, and PTFE for hydrophobic solutions
- For volumes from 2 to 10 ml (Ø 13 mm) or 10 to 50 ml (Ø 25 mm)
- Coloured filter body for each material
- Membrane and porosity printed on the side of the filter
- Lot number and expiry date on each sterile package

Pre-filters

Cat. No.	Description	Units/box	€/box
029292B	Glass fibre pre-filter 1.1 µm / Ø 25 mm	50	NC -
028928B	Glass fibre pre-filter 1.1 µm + AC 0.2 µm / Ø 25 mm, sterile	50	NC -

Colours	Filter Ø (mm)	Porosity (µm)	Sterile	Units/box	New range		Older range	
					Cat. No.	€/box	Cat. No.	€/box
Syringe filter with cellulose acetate (CA) membrane								
-	4	0.2	No	100	-	-	028915	NC -
-	4	0.45	No	100	-	-	028916	NC -
Red	25	0.8	Yes	50	028922B	NC -	-	-
Red	25	0.8	No	100	128022	NC -	-	-
Syringe filter with nylon membrane								
-	4	0.2	No	100	-	-	028917	NC -
-	4	0.45	No	100	-	-	028918	NC -
Pink	25	0.2	Yes	50	028931B	NC -	-	-
Pink	25	0.2	No	100	128023	NC -	-	-
Pink	25	0.45	Yes	50	028932B	NC -	-	-
Pink	25	0.45	No	100	128024	NC -	-	-
Syringe filter with PTFE membrane								
White	13	0.2	No	100	029183B	NC -	-	-
White	13	0.45	No	100	029184B	NC -	-	-
White	25	0.2	No	100	128026	NC -	-	-
White	25	0.45	No	100	128027	NC -	-	-
Syringe filter with PES membrane								
Green	13	0.2	Yes	100	128025	NC -	-	-
Green	25	0.2	Yes	50	028929B	NC -	-	-
Green	25	0.45	Yes	50	028930B	NC -	-	-
Syringe filter with SFCA membrane								
Blue	25	0.2	Yes	125	028923B	NC -	-	-
Blue	25	0.2	Yes	50	028920B	NC -	-	-
Blue	25	0.2	No	100	128028	NC -	-	-
Blue	25	0.45	Yes	125	028924B	NC -	-	-
Blue	25	0.45	Yes	50	028921B	NC -	-	-
Blue	25	0.45	No	100	128029	NC -	-	-