

TWIST & FIX FILTER CARTRIDGES

FOR DUST REMOVAL SYSTEMS

viledon®

NOMINAL DIAMETER	AVAILABLE LENGTHS	PULSE-JET REFLECTOR
145 mm	300–1,500 mm	LP-A PJR 145-152-155
156 mm	300–1,500 mm	
218 mm	300–1,500 mm	LP-A PJR 218
324 mm	300–1,500 mm	LP-A PJR 324-327



Twist & Fix features

Cylindrical filter cartridges with four nominal diameters (145, 156, 218 and 324 mm), each available in standard lengths of 300, 600, 1,000, 1,200 and 1,500 mm. Equipped with injection-moulded 3- or 4-hook flange made of glass-fiber-reinforced polyamide.

Construction details

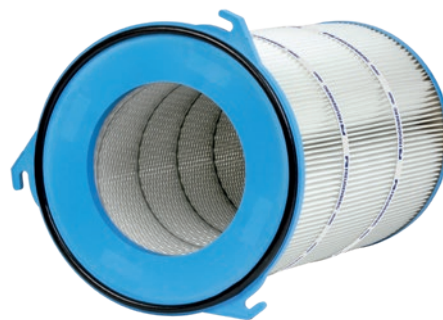
- Perfect fit of the filter cartridge and protection of the filter medium thanks to centering collar.
- Spacer ribs on both sides of the flange ensure correct mounting as well as optimum sealing against the system's raw-gas compartment.
- Foamed-in gasket on each side – for raw or clean-gas installation.
- Application-optimized number of pleats.
- Antistatic variants are individually tested on conductivity.
- ATEX attestation of conformity for components on request.
- Data sheets with detailed information on specific dimensions can be obtained.

Filter media

- Full-surface thermal bonded nonwovens manufactured in-house.
- Additional finish:
 - Antistatic
 - Freudenberg corrugation (sinus)
 - Nanofiber lining (sinTexx Plus)
- For arresting health-hazard dusts, filter media with on-file IFA certificates are used.

Accessories

- Pulse-jet reflectors (LP-A PJR 145-152-155/218/324-327) as accessories are the perfect match for Twist & Fix cartridges of LP 145, LP 218 and LP 324 series. They improve cleaning behavior during the filtration operation by optimizing the intake of secondary air.
- Rotary jet systems or displacement units are available for cartridges with nominal diameter of 324 mm to optimize the cleaning process.
- When handling very fine and smoke-like dusts we recommend a filter pre-coat with LP-A FHM 1500 or Viledon® sinTexx Plus with nanofiber layer for significant lifetime extension.




energy efficiency
performance

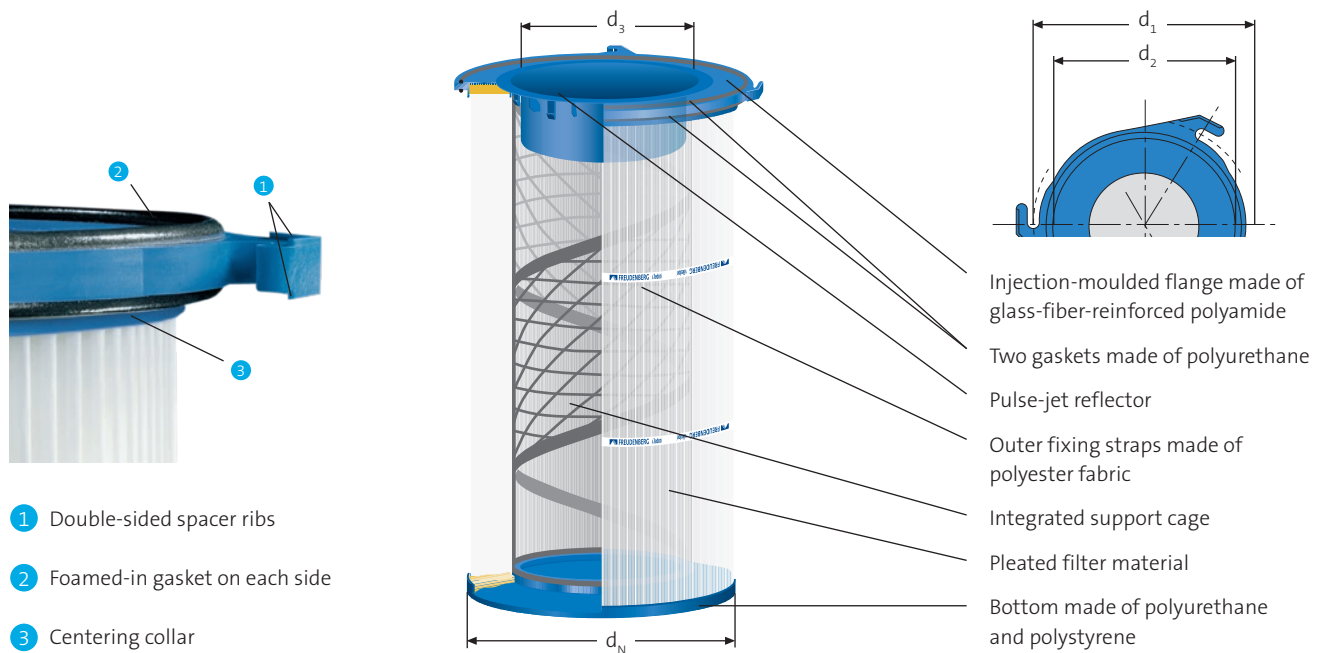


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Freudenberg Filtration Technologies SE & Co. KG
Weinheim/Germany

SIMPLE INSTALLATION FOR A PERFECT FIT

TWIST & FIX ELEMENTS AND CONSTRUCTION DETAILS



CARTRIDGE SERIES		LP 145	LP 156	LP 218	LP 324
Ø Bottom d_N	mm	145	156	218	324
Mounting hooks		3 × 120°	3 × 120°	3 × 120° 4 × 90°	3 × 120°
Ø Pitch circle d_1	mm	180	203	264	392
Ø Gasket d_2 (inside)	mm	147	165	226	339
Ø Flange d_3 (inside)	mm	85	96	144	215
Height H (Different heights on request)	mm	300–1,500			
Filter areas	m ²	1.0–6.7	1.0–6.7	1.0–12.5	2.5–31.0

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case. Subject to technical alterations.