
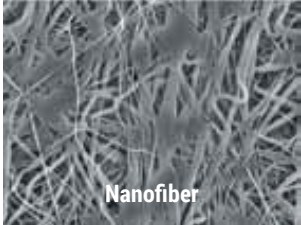


ABSOGUARD® FILTER CARTRIDGES

ABSOLUTE-RATED FOR DYE-BASED INKJET INKS PRE-FILTRATION

Absoguard filter cartridges are all-polypropylene pleated depth filters that combined uncalendared meltblown and nanofiber media to provide high efficiency with excellent particle retention. Absoguard filters are an excellent choice for a wide range of digital printing inkjet inks filtration, especially for pre-filtration of dye-based inks.

FEATURE	BENEFIT
Two-layer pleated construction	Provides superior flow rate and extended service life.
	 
Nanofiber media	Provides excellent removal of contaminants such as gels and agglomerates.
All-polypropylene construction	Excellent compatibility with most ink systems. Compatible over a wide range of inks.

SPECIFICATIONS	
Filter media	Multiple Layers Meltblown; Polypropylene
Supports/core/cage/end caps	Polypropylene
Effective filtration area	≥0.6m ² (6.5 ft ²)x2 / Ø69-10 inch
O-rings	Silicone, EPDM, FKM, FEP/PFA encapsulated FKM
Cartridge diameter	69 mm (2.7 in.)
Max. Operating temperature	80°C
Max. Differential pressure	0.40 MPa (4.0 bar, 58 psi) at 21°C; 0.21 MPa (2.1 bar, 31 psi) at 80°C
Removal rating	0.3 µm to 20 µm



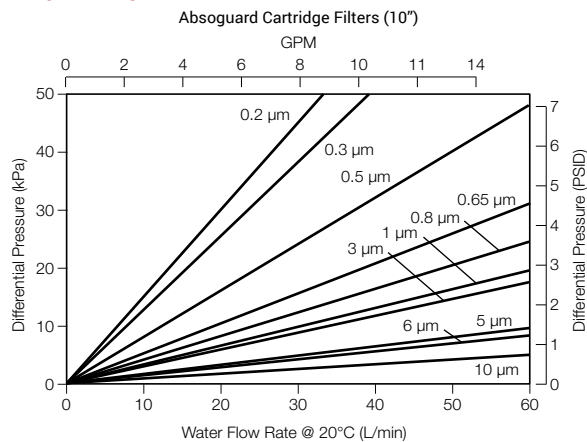
Typical Applications

- Inks
- Pre-filtration
- Clarification

RETENTION

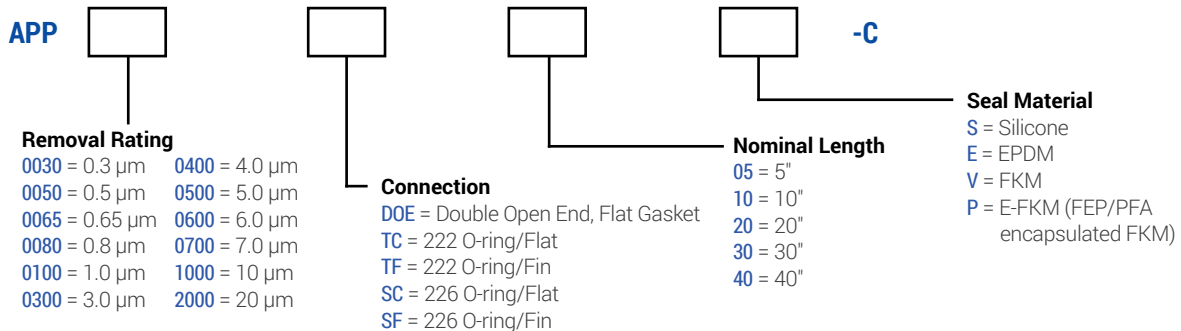
Specification	Retention Rate (%)							
	1.0 µm	3.0 µm	4.0 µm	5.0 µm	6.0 µm	7.0 µm	10 µm	20 µm
APP0020	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99
APP0030	≥ 99.98	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99
APP0050	≥ 99.90	≥ 99.98	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99
APP0065	≥ 99.50	≥ 99.90	≥ 99.98	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99
APP0080	≥ 99.20	≥ 99.50	≥ 99.90	≥ 99.98	≥ 99.99	≥ 99.99	≥ 99.99	≥ 99.99
APP0100	≥ 99.00	≥ 99.20	≥ 99.50	≥ 99.90	≥ 99.98	≥ 99.99	≥ 99.99	≥ 99.99
APP0300	-	≥ 99.00	≥ 99.20	≥ 99.50	≥ 99.90	≥ 99.98	≥ 99.99	≥ 99.99
APP0400	-	-	≥ 99.00	≥ 99.20	≥ 99.50	≥ 99.90	≥ 99.98	≥ 99.99
APP0500	-	-	-	≥ 99.00	≥ 99.20	≥ 99.50	≥ 99.90	≥ 99.98
APP0600	-	-	-	-	≥ 99.00	≥ 99.20	≥ 99.50	≥ 99.90
APP0700	-	-	-	-	-	≥ 99.00	≥ 99.20	≥ 99.50
APP1000	-	-	-	-	-	-	≥ 99.00	≥ 99.20
APP2000	-	-	-	-	-	-	-	≥ 99.00

FLOW RATES



ORDERING INFORMATION

EXAMPLE: **APP0080TC10S-C** = 0.8 µm, 222/Flat, 10" filter with silicone seals



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