

Nystat™ 50

Static Dissipative Filtration Media

Take Charge with Nystat™ 50

*Cerex Advanced Fabrics, Inc. introduces their latest filtration media, **Nystat™ 50**, engineered to dissipate static charge in hydraulic, fuel and oil filtration systems. Electrostatic discharge (ESD) is responsible for fluid degradation, varnishing, and burning holes in filtration media, all of which result in downstream system damage. Using proprietary conductive technologies, **Nystat™ 50** easily dissipates triboelectric charges that are naturally generated from petrochemical flow through synthetic media.*

***Nystat™ 50** media is engineered using CEREX nylon 6,6 spunbond fabrics offering superior strength and uniformity with higher heat tolerance and exceptional chemical resistance. **Nystat™ 50** media is approximately 30% thinner than other standard spunbond fabrics, allowing for lower pressure drop designs which reduce ESD. Easily co-pleat **Nystat™ 50** with other filter media (cellulose, micro-glass, PET) to obtain exceptional static dissipative performance in existing filter designs.*

***Nystat™ 50** static dissipative media is ideal for Aviation, Power Generation, Heavy Industrial, Automotive and Construction applications that require demanding hydraulic, fuel and oil filtration.*

Nystat™ 50



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STYLE

YC060

Developmental

Another innovative product from ...

DESCRIPTION

CEREX® Spunbond Flat bond
Static Dissipative Nylon 6,6 Nonwoven Fabric
Type YC, 0.60 *osy*



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NYSTAT™ 50

English Units		Metric Units	
BASIS WEIGHT	ASTM D3776	BASIS WEIGHT	
0.63 <i>osy</i>		21 <i>gsm</i>	
THICKNESS	ASTM D1777	THICKNESS	
4.8 <i>mil</i>		0.12 <i>mm</i>	
GRAB TENSILE	ASTM D5034	GRAB TENSILE	
(MD x CD)		(MD x CD)	
16.1 x 11.3 <i>lbs</i>		72 x 50 <i>N</i>	
STRIP TENSILE (ASTM D5035)		STRIP TENSILE (EN 20073)	
(MD x CD)		(MD x CD)	
7.9 x 3.7 <i>lbs/in</i>		TBD x TBD <i>N/5 cm</i>	
TRAP TEAR	ASTM D5587	TRAP TEAR	
(MD x CD)		(MD x CD)	
6.5 x 4.1 <i>lbs</i>		29 x 18 <i>N</i>	
TEXTTEST AIR PERM	ASTM D737	TEXTTEST AIR PERM	
821 <i>CFM / FT²</i>		4172 <i>L / M² / s</i>	
BURST	ASTM D3786	BURST	
21.0 <i>PSI</i>		144.8 <i>kPa</i>	
SURFACE RESISTIVITY	A/AFMCA TP-100-78*	SURFACE RESISTIVITY	
50 <i>k Ω/sq</i> Initial Maximum		50 <i>k Ω/sq</i> Initial Maximum	

* Exact method of testing detailed in internal test methods.

Revision: Tentative Rev Date: 16-May-2013

ISO 9001
Quality System Certification
Certificate Number: 32960

ISO 17025
Accredited Laboratory
Certificate Number: 2336.01

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