

Nonwovens for Liquid Filtration – Industrial Applications

Product Profile: **cooltexx** Cellulose Wetlaid Nonwovens



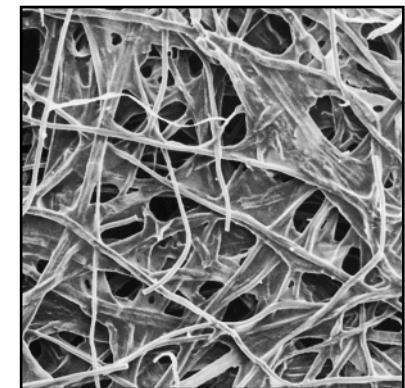
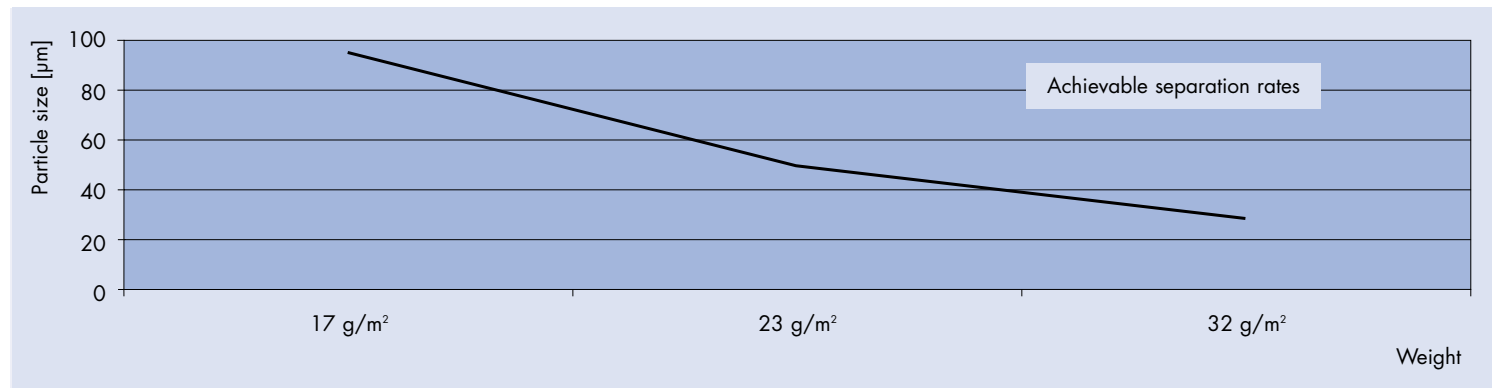
Production Method Wetlaid process	Material Mainly cellulose	Bonding Chemical binder (acrylate)
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Type	Weight	Belt Filter Principle	Type of Processing
cooltexx 2652	17 g/m ²	Gravity	Turning/Drilling/Milling [Rough Machining]
cooltexx 2653	23 g/m ²	Gravity	Turning/Drilling/Milling [Planing]
cooltexx 2654	32 g/m ²	Gravity	Grinding/Honing/Lapping [Fine Planing]

- Product Advantages**
- Optimal process adaptability
 - Easy handling
 - Less roll changes required
 - Universal applicability

- Product Properties**
- Uniform fiber distribution
 - Good separation despite low weight
 - Thin material
 - Variable polymer composition

Standard Product Size
 Length [m]: 150, 250, 500
 Width max. [mm]: 1800



SEM picture **cooltexx** 2654

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Belt Filter System					
Gravity		•		•	•
Pressure					
Vacuum					
Process Liquids					
Emulsions based on mineral oil		•		•	•
Partial/full synthetic emulsions		•		•	•
Oil		•		•	•
Solvents					
Waste water		•		•	•
Liquids for surface treatment		(•)		(•)	(•)
Product Group					
Fiber	mainly cellulose	cooltexx		cooltexx	cooltexx
Binder system	chemical binder (acrylate)	2652		2653	2654
Max. width	1800 mm				
Length of rolls	100, 150, 200, 250, 500 m				
Technical Data		Method of Testing			
Weight	EN 29073T.1	g/m ²	17	23	32
Thickness	EN 29073T.2	mm	0.18	0.22	0.26
Air permeability at 100 Pa	DIN EN ISO 9237	l/m ² s	3220	2010	1350
Max. tensile strength md	EN 29073T.3	N/5cm	23	35	48
Max. tensile strength cd	EN 29073T.3	N/5cm	15	20	30
Elong. at max. tensile strength md	EN 29073T.3	%	12	12	13
Elong. at max. tensile strength cd	EN 29073T.3	%	14	14	15



(•) Please ask for special applications, **Tel.: +49-6201-806165**
 Technical data are mean values which are subject to normal production tolerances.
 Issue: June 2006 • Replaces all previous issues of this data sheet.