

# Nonwovens for Liquid Filtration – Industrial Applications

## Product Profile: **cooltexx** Polyester Wetlaid Nonwovens



<b>Production Method</b> Wetlaid process	<b>Material</b> Mainly polyester	<b>Bonding</b> Chemical binder (acrylate)
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Type	Weight	Belt Filter Principle	Type of Processing
<b>cooltexx</b> 2662	25 g/m <sup>2</sup>	Gravity/Pressure	Turning/Drilling/Milling [Rough Machining]
<b>cooltexx</b> 2663	37 g/m <sup>2</sup>	Pressure	Turning/Drilling/Milling [Planing]
<b>cooltexx</b> 2664	50 g/m <sup>2</sup>	Pressure	Grinding/Honing/Lapping [Fine Planing]
<b>cooltexx</b> 2666	60 g/m <sup>2</sup>	Pressure/Vacuum	Grinding/Honing/Lapping [Finest Machining]
<b>cooltexx</b> 2693	70 g/m <sup>2</sup>	Pressure/Vacuum	Grinding/Honing/Lapping [Finest Machining]

### Product Advantages

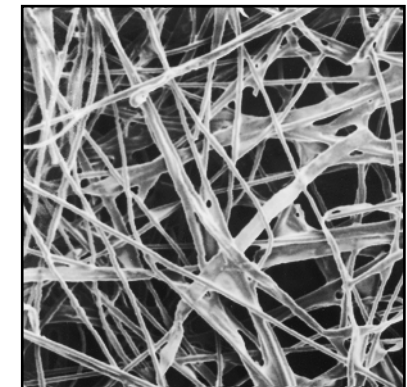
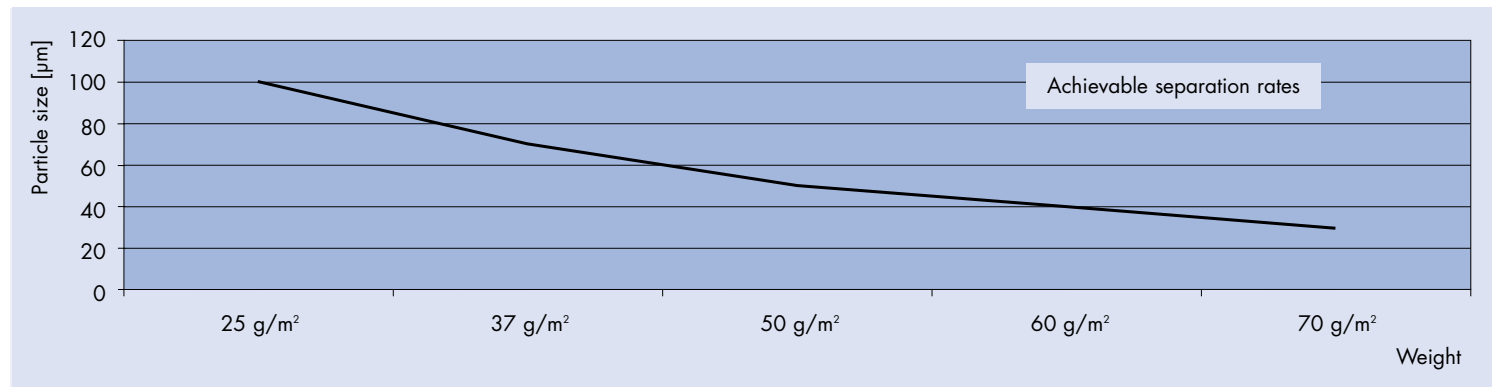
- Optimal process adaptability
- Easy handling
- Less roll changes required
- Universal applicability

### Product Properties

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

### Standard Product Sizes

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



SEM picture **cooltexx** 2663

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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			cooltexx 2662	cooltexx 2663	cooltexx 2664	cooltexx 2666	cooltexx 2693
Fiber	mainly polyester						
Binder system	synthetic resin binder, acrylate						
Max. width	1800 mm						
Length of rolls	100, 150, 200, 250, 500 m						
Technical Data		Method of Testing					
Weight	EN 29073T.1	g/m <sup>2</sup>	25	37	50	60	70
Thickness	EN 29073T.2	mm	0.26	0.32	0.38	0.50	0.53
Air permeability at 100 Pa	DIN EN ISO 9237	l/m <sup>2</sup> s	3930	2770	1800	2150	2000
Max. tensile strength md	EN 29073T.3	N/5cm	60	85	130	200	100
Max. tensile strength cd	EN 29073T.3	N/5cm	42	55	90	115	70
Elong. at max. tensile strength md	EN 29073T.3	%	18	17	19	18	19
Elong. at max. tensile strength cd	EN 29073T.3	%	18	18	22	20	21



(•) 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.