Nonwovens for Liquid Filtration – Industrial Applications
Product Profile: cooltexx Polyester Wetlaid Nonwovens

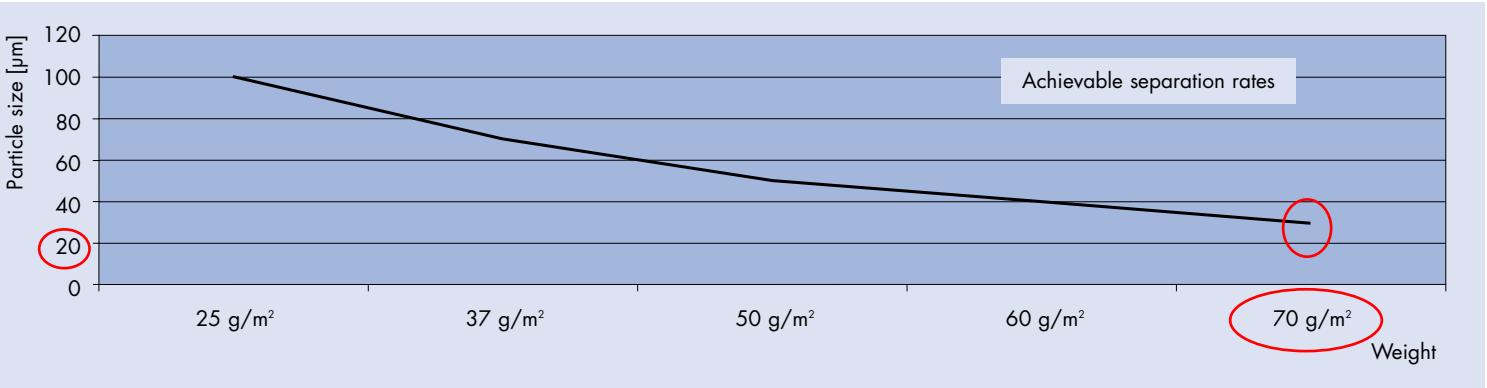
Production Method	Material	Bonding
Wetlaid process	Mainly polyester	Chemical binder (acrylate)

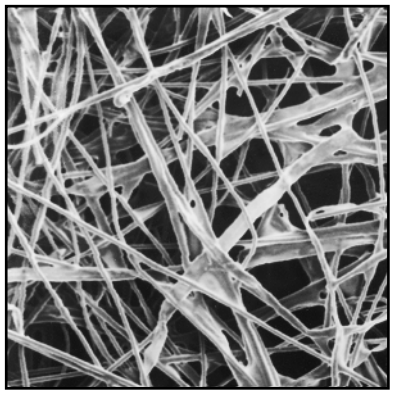
Type	Weight	Belt Filter Principle	Type of Processing
cooltexx 2662	25 g/m²	Gravity/Pressure	Turning/Drilling/Milling [Rough Machining]
cooltexx 2663	37 g/m²	Pressure	Turning/Drilling/Milling [Planing]
cooltexx 2664	50 g/m²	Pressure	Grinding/Honing/Lapping [Fine Planing]
cooltexx 2666	60 g/m²	Pressure/Vacuum	Grinding/Honing/Lapping [Finest Machining]
cooltexx 2693	70 g/m²	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 **cool**texx 2663

Nonwovens for Liquid Filtration – Industrial Applications
Product Profile: cooltexx Polyester Wetlaid Nonwovens

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/m²	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/m²s	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.