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

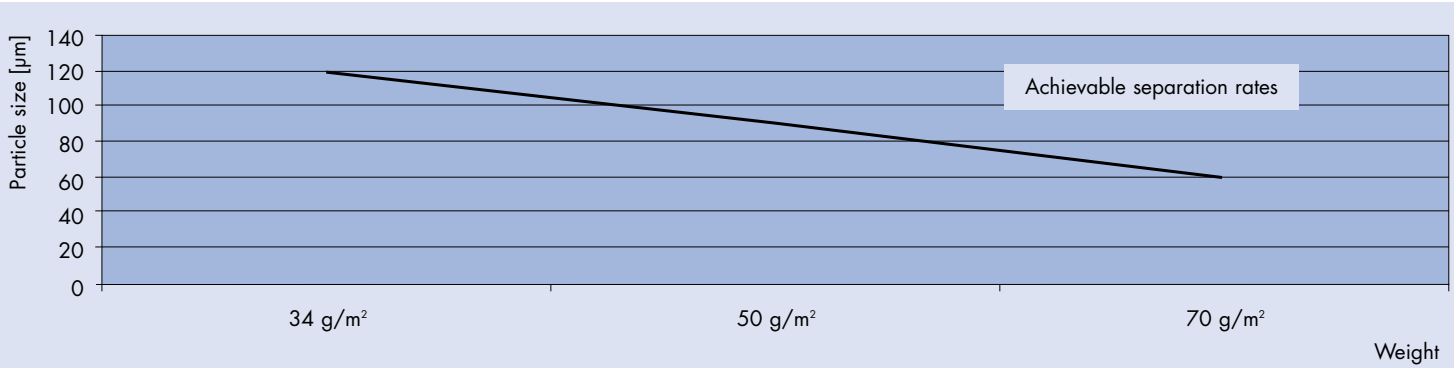
Production Method	Material	Bonding
Spunbond process	Polyester (fine fibers)	Thermal, point-bonded

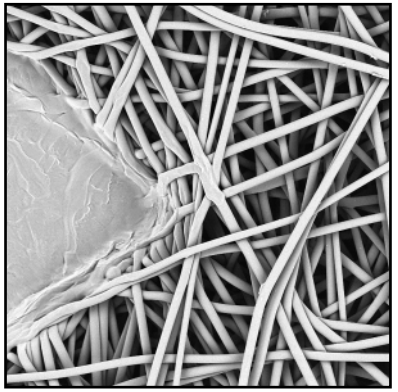
Type	Weight	Belt Filter Principle	Type of Processing
cooltexx 6534	34 g/m²	Gravity/Pressure	Turning/Drilling/Milling
cooltexx 6550	50 g/m²	Pressure/Vacuum	Turning/Drilling/Milling [Planing]
cooltexx 6570	70 g/m²	Pressure/Vacuum	Grinding [Finest Machining]

Product Advantages
- Long lifetime
- Safe, secure process
- Good filter-cake release
- Optimal process adaptability

Product Properties
- Very high mechanical stability
- Separation by sieving
- Smooth surface
- High selectivity

Standard Product Sizes
Length [m]: 150, 250, 500
Width max. [mm]: 2400





SEM picture **cool**texx 6570

Nonwovens for Liquid Filtration – Industrial Applications
Product Profile: cooltexx Polyester Spunbond 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			**cool**texx		**cool**texx		**cool**texx
Fiber	polyester (fine fibers)		**6534**		**6550**		**6570**
Binder system	thermal, point-bonded						
Max. width	2400 mm						
Length of rolls	100, 150, 200, 250, 500 m						
Technical Data	**Method of Testing**						
Weight	EN 29073T.1	g/m²	34		50		70
Thickness	EN 29073T.2	mm	0.16		0.24		0.30
Air permeability at 100 Pa	DIN EN ISO 9237	l/m²s	2000		1200		600
Max. tensile strength md	EN 29073T.3	N/5cm	88		135		170
Max. tensile strength cd	EN 29073T.3	N/5cm	37		62		83
Elong. at max. tensile strength md	EN 29073T.3	%	26		28		30
Elong. at max. tensile strength cd	EN 29073T.3	%	40		35		38

(•) 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.