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

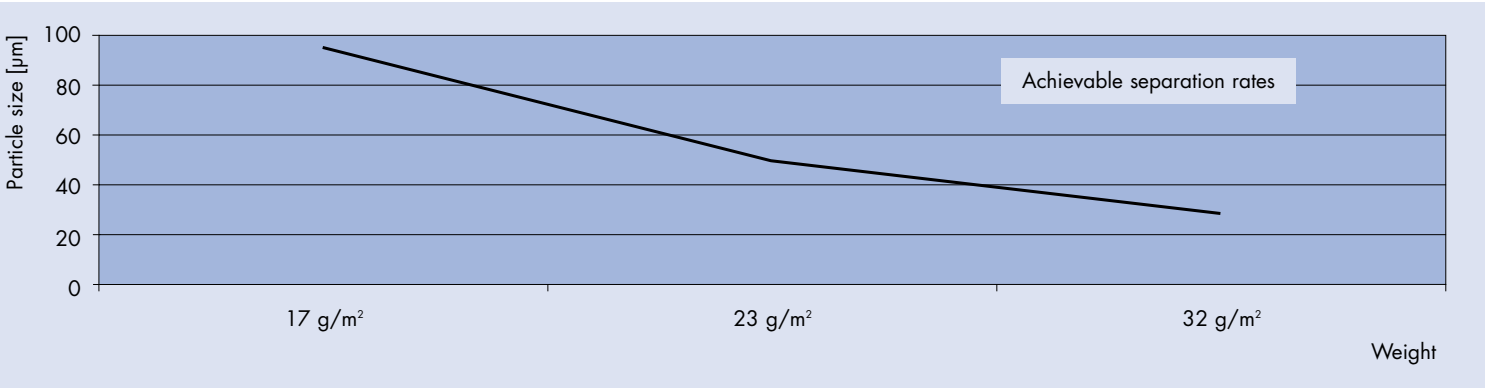
Production Method	Material	Bonding
Wetlaid process	Mainly cellulose	Chemical binder (acrylate)

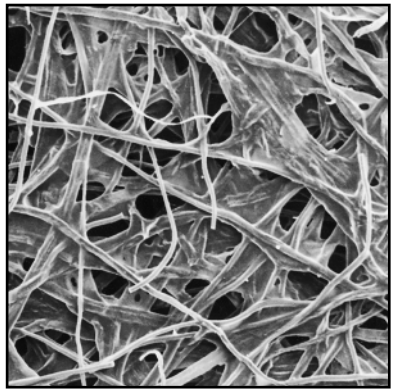
Type	Weight	Belt Filter Principle	Type of Processing
cooltexx 2652	17 g/m²	Gravity	Turning/Drilling/Milling [Rough Machining]
cooltexx 2653	23 g/m²	Gravity	Turning/Drilling/Milling [Planing]
cooltexx 2654	32 g/m²	Gravity	Grinding/Honing/Lapping [Fine Planing]

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 **cool**texx 2654

Nonwovens for Liquid Filtration – Industrial Applications
Product Profile: cooltexx Cellulose 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 2652**		**cooltexx 2653**		**cooltexx 2654**
Fiber	mainly cellulose						
Binder system	chemical 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	17		23		32
Thickness	EN 29073T.2	mm	0.18		0.22		0.26
Air permeability at 100 Pa	DIN EN ISO 9237	l/m²s	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.