Technical Datasheet

Aquatex® PVC 0.5 mm

Data	Norms	Units	Specification
Material			Polyvinylchloride (PVC-P)
Thickness	DIN 53370	mm	0.5
Color			black
Weight		g/m²	± 650
Density	DIN 53479	g/cm³	1.25 ±0.03
Tensile strength (L/T)	DIN 16726/5.6	N/mm²	≥ 18
Elongation at break (L/T)	DIN 16726/5.6	%	≥ 300
Tear resistance (L/T)	DIN 16726/5.7	N/mm	≥ 100
Dimensional stability (6 hrs at 80˚C)	DIN 16726/5.13.1	%	≤ 2

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AQUATEX® PVC

Product-presentation for Water storage systems

1. General information

Aquatex® PVC is a homogeneous, on PVC-P based geomembrane. The material is especially qualified for applications with high requirements in respect to toxological characteristics of the membrane in combination with medium chemical resistance.

2. Areas of application

Aquatex® PVC is qualified for applications in the following business markets:

- Agri- and Horticulture
- Industrial market
- Infrastructural projects
- Construction
- Environment
- Export

3. Product description

Aquatex® PVC is by its specific characteristics applicable for the following products, f.e.:

- Reservoir- and tankliners for storage of rain- and clean water in horticulture
- Ponds and reservoirs in which clean water is stored

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4. Surplus value arguments

Aquatex® PVC has the following characteristics:

- Tensile strength >18 N/mm²; tear resistance >100 N/mm;
- Elongation at break > 300 %;
- Easy to install due to high flexibility;
- Good weldability and the possibility of glueing;
- Lifespan expectation: up to 10 years (depending on geographic location and circumstances)

5. Benefits

- Repairability by means of glueing
- Interesting price - lifespan expectation ratio.

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