



Technical Datasheet

Aquatex® PVC 1.0 mm

Data	Norms	Units	Specification
Material			Polyvinylchloride (PVC-P)
Thickness		mm	1.0 -1.1
Color			black
Weight		gr/m ²	± 1300
Density	DIN 53479	gr/cm ³	1.25 ±0.03
Tensile strength (L/T)	DIN 53455	N/mm ²	≥ 18
Elongation at break (L/T)	DIN 53455	%	≥ 300
Tear resistance (L/T)	DIN 53363	N/mm	≥ 100
Dimensional stability (6 hrs at 80°C)	DIN 53377	%	≤ 2
Remark			Kiwa Product certification according: <ul style="list-style-type: none">● BRL-K 519;● Kiwa ATA: drinking water quality approval



Technical Datasheet

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 moderate 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
- Particular suitable for storage of drinking water



Technical Datasheet

4. **Surplus value arguments**

Aquatex® PVC has the following characteristics:

- Product certificaat (BRL K519);
- ATA certification (Kiwa) with respect to storage of drinking water;
- Tensile strength $>18 \text{ N/mm}^2$; tear resistance $>100 \text{ N/mm}$;
- 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.