

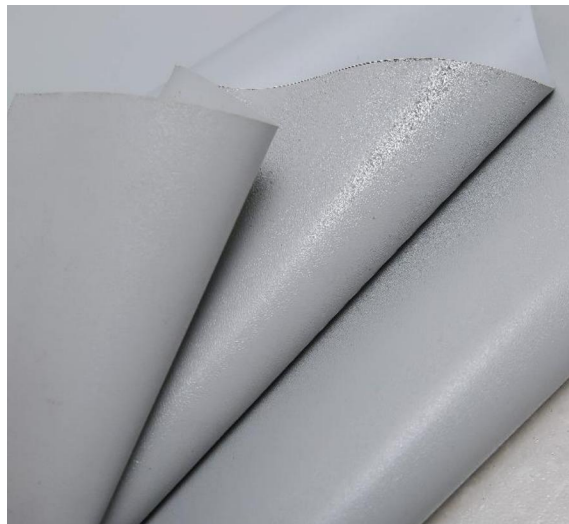


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PRODUCT DATA SHEET

BFT-12010PVC

Homogeneous Sheets: 1.2/1.5/2.0mm



BFT-12010PVC is a flexible homogeneous sheet waterproofing membrane with a signal layer, based on quality polyvinyl chloride (PVC).

CHARACTERISTICS & ADVANTAGES

- High resistance to ageing ▪
- Based on virgin material with consistent quality ▪
- Optimized flexibility, tensile strength, and multi-axial Elongation
- Flexible in cold temperatures ▪
- Suitable for contact with acidic soft water and alkaline environment
- Resistant to root penetration and micro-organisms ▪
- Optimized workability, thermally weldable ▪
- Self-extinguishing in fire ▪
- High resistance to aging ▪
- Resistance to natural aggressive mediums in ground water and soil
- Optimized workability, thermally weldable ▪

APPLICATION

Waterproofing of tunnels, basements and all kinds of below ground structures against water ingress.

STORAGE

Rolls must be stored in their original packaging, in a horizontal position in under cool and dry conditions. They must be protected from direct sunlight, rain, snow and ice, etc..

COLORS

Grey

PACKAGING AND DIMENSION

THICKNESS (mils)	45 (1.14mm)	60 (1.52mm)	80 (2.03mm)
ROLL WEIGHT (lb)	185.2 (84kg)		244.7 (111kg)
ROLL LENGTH (ft)	82 (25m)	65.6 (20m)	
ROLL WIDTH (ft)	6.89 (2.1m)		
COVERAGE (ft²)	564.8 (52.5m²)	451.8 (42m²)	

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PHYSICAL PROPERTIES

Meets the requirements GB/T 12952-2011 and GB/T 35468-2017

Type	Test Method	Min Values	Typical Value		
			1.2mm	1.5mm	2.0mm
Weight	N/A	±0.2	1.56 kg/m ²	1.95 kg/m ²	2.6 kg/m ²
Tensile Strength	GB/T 328.9-2007	≥10Mpa	17Mpa	19Mpa	19Mpa
Elongation	GB/T 328.9-2007	≥200 %	280%	300%	310%
Resistance to Impact	GB/T 12952-2011	Pass 0.5kg·m	Pass	Pass	Pass
Watertightness	GB/T 328.10-2007	Pass 0.3Mpa 2h	Pass	Pass	Pass
Foldability at Low Temperature	GB/T 328.15-2007	No cracks at -25 °C	-30 °C	-30 °C	-30 °C
Tear Strength	GB/T 529	≥50N/mm	50N/mm	55N/mm	55N/mm
Dimensional Change after Heat	GB/T 328.13-2007	< 2.0% (+80 °C / 24 h)	≤2	≤2	≤2
Behaviour after Heat Welding of Overlaps	GB/T 12952-2011	≥4	≥4	≥4	≥4
Mold Resistance	GB 1741-2007	PASS	Pass	Pass	Pass
Resistant to Root Penetration	GB 35476-2017	PASS	Pass	Pass	Pass

*Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.