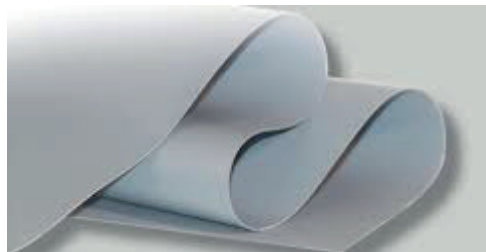


# Specialist Geomembranes



## Technical Data Sheet

### Landflex™ PVC120AP Unreinforced PVC (Grey)



Versatile, highly flexible and suitable for a number of applications including canal and stream lining due to its excellent resistance properties

The information herein is based upon data obtained by the manufacturer and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.

Material Properties	Unit	Test Method	Typical Values		
Thickness	mm	EN 1849	1.20 ±5%	1.50 ±5%	2.00 ±5%
Density	g/cm <sup>3</sup>	EN ISO 1183	1.25 ±5%		
Tensile strength	N/mm <sup>2</sup>	EN ISO 527	≥ 16		
Elongation at failure	%	EN ISO 527	L: ≥ 280 T: ≥ 280		
Puncture resistance: Height of fall without perforation	mm	DIN 16726	≥ 750	≥ 750	≥ 1100
Tear strength	N/mm	DIN 53363	≥ 80		
Resistance under water pressure	-	DIN 16726	Waterproof at 10 Bar / 72h		
Biaxial deformation	-	P 84-503	Without rupture		
Dimensional stability after accelerated ageing (6hrs / 80°C)	%	EN ISO 1107-2	≤ 2		
Behaviour after long term ageing (7 days / 80°C)	-	DIN 16726	-	-	-
General appearance	-		No blister		
Dimensional stability: L & T	%		≤ 2		
Variation of tensile strength: L & T	%		< ± 10		
Variation of elongation at failure: L & T	%		< ± 10		
Foldability at -20°C	-		No fissures		
Resistance to artificial weathering	Years	EN 12224 EN 13361	> 10		
Water permeability	m <sup>3</sup> /m <sup>2</sup> /day	EN 14250	10 <sup>-6</sup>		
Oxidation resistance (90 days / 85°C)	-	En 14575	Conform		
Cold folding resistance	-	EN 495-5	No cracks at -20°C		
Water absorption after 28 days	%	DIN 53495	≤ 1		
Root resistance	-	EN 14416	Resistant		



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## Butek Landline

Containment Solutions

Spec.32 Rev. C