

# Protape W / Protape WB

## Technical data sheet

No.:	DoP ST 001
1. Unique identification code of the product -type:	Protape W / WB
2. Intended use/es:	Thermal insulation for technical building equipment and industrial installations (ThIBELL)
3. Manufacturer:	Protape d.o.o. Svetosavska 378M 11460 Barajevo
4. System/s of AVCP	1
5. Harmonised standard:	Declaration of performance according to product standard EN 14304:2009+A1:2013
6. Declared performance/s:	

Essential Features		Performance			
Reaction to fire euroclass characteristics	Reaction to fire	Sheet: dN= 3 - 50 mm	B-s3, d0		
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD		
Thermal resistance	Thermal conductivity Dimensions and limits	Sheet: dN= 3 - < 32 mm Sheet: dN= ≥ 32 mm	°C -10	°C 0	°C 10
			W/(m·K)	0,032	0,033*
			W/(m·K)	0,035	0,036**
Water permeability	Water absorption		WS01 (Wp ≤ 0,1 kg/m2)		
Water vapour permeability	Water vapour diffusion resistance	Sheet: dN= 3 - < 32 mm Sheet: dN= ≥ 32 mm	MU 10.000 (μ ≥ 10.000) MU 7.000 (μ ≥ 7.000)		
Release of corrosive substances	Minor amounts of water soluble chlorides and pH- value		500/7		
Release of dangerous substances to indoor environment	Release of dangerous substances		NPD <sup>a</sup>		
Continuous glowing combustion	Continuous glowing combustion		NPD		
Durability of reaction to fire against ageing/degradation	Durability characteristics <sup>b</sup>				
Durability of thermal resistance against ageing/degradation	Durability characteristics <sup>c</sup>				
	Maximum service temperature	Sheet: dN= 3 - 50 mm	ST(+) 85 °C		
	Minimum service temperature	Sheet: dN= 3 - 50 mm	ST(-) -50 °C		
Durability of reaction to fire Against high temperature	Durability characteristics <sup>b</sup>				
Durability of thermal resistance against high temperature	Durability characteristics <sup>b</sup>				

**a** No test method yet adopted.

**b** The fire performance of flexible elastomeric foam does not change with time.

**c** The thermal conductivity of flexible elastomeric foam does not change with time.

**NPD** = No Performance Determined

$\lambda_g \leq 0,033 + 7,1316 \cdot 10^{-5} \cdot \vartheta + 1,2533 \cdot 10^{-6} \cdot \vartheta^2$  |  $\lambda_g \leq 0,036 + 7,1316 \cdot 10^{-5} \cdot \vartheta + 1,2533 \cdot 10^{-6} \cdot \vartheta^2$

**Note:**

standard dimensions: Thickness: 3mm  
Width: 50mm, 75mm and 100mm  
Length: 15m

**\*custom sizes available upon request**

The performance of the product identified above is in conformity with the set of declared performance/s.  
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011,  
under the sole responsibility of the manufacturer identified above.