

# Declaration

## Declaration of Performance No. 0745-CPR-2019-093

<b>Unique identification code of the product-type:</b>	<b>Oneflex</b>
<b>Intended use/es:</b>	Thermal insulation of building equipment and industrial installations (ThiBEll)
<b>Manufacturer:</b>	Armacell Yalitim A.S Barakfakih Sai. Bölgesi 16. Cad. No:13 Kestel 16450 Bursa
<b>System/s of AVCP:</b>	1 and 3
<b>Harmonised standard:</b>	EN 14304:2009+A1:2013
<b>Notified body/ies:</b>	NB 0919
<b>Declared performance/s:</b>	

Essential characteristics	Performance		
Thermal resistance / Thermal conductivity	Tubes	d <sub>N</sub> = 6 - 32 mm	$\lambda_{0^{\circ}\text{C}} \leq 0,035 \text{ W}/(\text{m}^{\circ}\text{K}),$ $\lambda(\vartheta_m) =(35 + 0,1 \cdot \vartheta_m + 0,0008 \cdot \vartheta_m^2) / 1000$
	Tape, Sheets	d <sub>N</sub> = 3 - 50 mm	
Reaction to fire	Tubes	d <sub>N</sub> = 6 - 32 mm	B <sub>L</sub> -s3,d0
	Tape, Sheets	d <sub>N</sub> = 3 - 50 mm	B-s3.d0
Durability of thermal resistance against ageing/ degradation	Dimensional stability <sup>1)</sup> Minimum service temperature ST(-)-50 (= -50 °C)		
Durability of thermal resistance against high temperatures	Maximum service temperature ST(+)-110 (=110°C)		
Durability of reaction to fire against ageing/ degradation	Durability characteristics <sup>2)</sup>		
Durability of reaction to fire against high temperature	Durability characteristics <sup>2)</sup>		
Water permeability	NPD		
Water vapour permeability/ Water vapour diffusion resistance	Tubes	d <sub>N</sub> = 6 - 32 mm	Mu 5000 (μ ≥ 5000)
	Tape, Sheets	d <sub>N</sub> = 3 - 50 mm	
Rate of release of corrosive substances	NPD		
Acoustic absorption index	NPD		
Release of dangerous substances to indoor environment	NPD <sup>3)</sup>		
<sup>1)</sup> The thermal conductivity of flexible elastomeric foam does not change with time			
<sup>2)</sup> The fire performance of flexible elastomeric foam products does not change with time.			
<sup>3)</sup> European test methods are under development.			
<sup>4)</sup> No Performance Determined (NPD)			

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This declaration of performance is made available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: <http://www.armacell.com/DoP>

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.

Signed for and on behalf of the manufacturer by:  
**Georg, Eleftheriadis, Technical Marketing Manager EMEA**  
**Bursa, 11.06.2019**



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