

Technical Data - Tubolit ARS

Brief description	Flexible, closed-cell extruded insulation material to reduce noise and prevent condensation on waste water, rain water and sewage pipes.
Material type	Foam material based on polyethylene. Factory made polyethylene foam (PEF) according to EN 14313.
Colour	foam: grey; foil: blue
Product Range	Acoustical and thermal insulation of internal waste water, rain water and sewage pipes in residential and non-residential buildings. For complex and large diameter rain collecting and (roof-) drainage pipes, to provide optimal protection against the risk of condensation, we recommend using Armaflex insulation.
Special Features	Foil coating on outer surface for additional protection of insulation surface.
Remarks	Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP

Property	Value/Assessment		Test ¹	Special Remark		
Temperature Range						
Temperature Range	max. service temperature	+ 100 °C	(+ 85 °C for tapes)	EU 5678	Tested acc. to EN 14707 and EN 14313	
	min. service temperature		(as is usual in plumbing installations)			
Thermal Conductivity						
Thermal Conductivity ¹	ϑ _m	40	[°C]	λ=	EU 5678	Declared acc. to EN ISO 13787 Tested acc. to EN ISO 8497
	Tubolit ARS	λ ≤ 0,045	W/(m · K)	$[41 + 0,1 \cdot \vartheta_m + 0,0008 \cdot (\vartheta_m - 40)^2]/1000$		
Fire performance						
Reaction to fire ²	Tubolit ARS	E		EU 5678	Classified acc. to EN 13501-1 Tested acc. to EN ISO 11925-2	
Other technical features						
Dimensions and tolerances	In accordance with EN 14313, table 1 and 2			EU 5678	Tested acc. to EN 822 EN 823 EN 13467	

1. Due to testing method and laboratory equipment, thermal conductivity is measured for Tubolit DG, S and DHS in a regular way

2. The reaction to fire classification is valid on metal surfaces.

*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. During storage of the product blooming on the surfaces may occur, especially at wall thickness below 19mm. This blooming does not affect the technical properties of the material, but can affect the adhesion properties. Therefore, the surface needs to be cleaned (wiped off) before adhesives can be applied.