

Armafix[®] Class 0

PIPE SUPPORT FOR CONDENSATION CONTROL
AND PREVENTION OF THERMAL BRIDGING



- Reliable condensation control
- Easy to install
- Tough inner core with optimal thermal performance
- Enhanced system security

- Low thermal conductivity $\lambda_{0^{\circ}\text{C}} \leq 0.035 \text{ W}/(\text{m}\cdot\text{k})$
- Dust free and fibre free
- Eliminates thermal bridging

Technical Data - Armafix Class O

Brief description	Pipe support for refrigeration and air-conditioning installations to prevent condensation at fixing points. Two piece pipe support with 2 PUR/PIR sections and with self-adhesive closure. All dimensions are matching the Class O Armaflex® tube / sheet range.					
Material type	PUR/PIR bearing segments, embedded in and glued to Class O Armaflex® elastomeric foam material. Shells made of painted aluminum sheeting 0.6 - 0.8 mm thickness, which simultaneously serves as a vapour barrier for the PUR / PIR bearing segments. Clamps for support system available.					
Colour	Black					
Applications	Pipe support with the configuration of "D" is only for use on the larger diameter pipes.					
Remarks	When used in installation with intermittent temperatures, thermal length extensions may cause inherent pressure in the installation; this needs to be considered in the overall insulation construction.					
Property	Value / Assessment					
Temperature Range						Special Remark
Temperature Range	max. service temperature		+ 105°C		Tested acc. to EN 14706 EN 14707 EN 14304	
	min. service temperature		- 50°C			
Thermal Conductivity						
Thermal Conductivity	ϑ_m	0	+ 20	+ 40	[°C]	Tested acc. to EN 12667 EN ISO 8497
	λ	0.035	0.037	0.039	W/(m · K)	
Water vapour diffusion resistance						
Water vapour diffusion resistance	μ	≥		7,000		Tested acc. to EN 12086 EN 13469
Fire performance						
Reaction to fire	A Class O system is achieved when Armafix® Class O pipe supports are used with Armaflex® Class O					
Practical Fire Behavior	Self extinguishing, does not drip, does not spread flames					
Density of PUF	Available in 150 kg/m ³ and 300 kg/m ³ *					
Pipe dimensions	The outer pipe diameter is the same as Aramflex® Class O inner diameter.					
Chemical behaviour	No corrosion to metal					

* All data and technical information are based on result achieved under typical application conditions. Recipients of this information should, under 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. For further details please contact our Technical Department.

All technical properties mentioned here are for base material which has been tested for the same.

For applications between -50°C and -200°C, please contact our Technical Department.

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