

## Technical Data - ArmaFix NH Smart

Brief description	Pipe support for refrigeration and air-conditioning installations to prevent condensation at fixing points. Thermally non-interacting single piece, with 2 ArmaFORM PET-foam sections and self-adhesive closure. All dimensions are matching the NH/ArmaFlex Smart range.
Material type	PET-foam bearing segments, embedded in and glued to NH/ArmaFlex Smart elastomeric foam material. Outside bearing shells made of painted aluminium sheeting 0.8mm thick, which simultaneously serves as a vapour barrier for the PET bearing segments.
Colour	dark grey / anthracite
Material Special Information	Traces of silicon can be found on protection paper/foil used to protect self-adhesive closures.
Applications	Thermally non-interacting mounting aid for tubes/sheets in refrigeration and air-conditioning applications, which are to be insulated with NH/ArmaFlex Smart.
Remarks	When used in installations 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	Special Remark
<b>Temperature Range</b>		
Temperature Range <sup>1</sup>	max. service temperature	+110 °C
	min. service temperature	-50 °C
<b>Thermal Conductivity</b>		
Thermal Conductivity	Same as NH/ArmaFlex Smart	Declared acc. to EN ISO 13787 Tested acc. to EN 12667 EN ISO 8497
<b>Water vapour diffusion resistance</b>		
Water vapour diffusion resistance	Same as NH/ArmaFlex Smart	Tested acc. to EN 12086 and EN 13469
<b>Fire performance</b>		
Reaction to fire	Euroclass	E
	Entire System with NH/Armaflex tubes	D <sub>L</sub> -s2, d0
<b>Acoustic Performance</b>		
Reduction of structure-borne sound transmission	According to used insulation layer in clamp / pipe fastener	According to DIN 4109
Storage & Shelf life	Products with self adhesive closures to be installed within 3 year.	Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0 °C – 35 °C).

1. For temperatures below -50 °C please contact our Customer Service Center to request for the corresponding technical information.