

WHAT SHOULD BE TAKEN INTO ACCOUNT WHEN INSTALLING NH/ARMAFLEX

NH/Armaflex is a foam on the basis of synthetic rubber which is manufactured without the addition of halogens, i.e. chlorides or bromides. In the event of a fire, the product develops a very low smoke density and potential problems of toxicity can be ruled out to a large extent. In general, the application principles described in the Armaflex Installation Manual also apply to NH/Armaflex. However, a few specific characteristics need to be taken into account.

ADHESION

Compared to the other Armaflex products, NH/Armaflex has a much coarser cell structure. This means that more glue is automatically applied, leading inevitably to longer tack-drying times. Roughly speaking, tack-drying is likely to take twice as long as it does for other Armaflex products.

INSTALLING SHEET MATERIAL

When installing sheet material on pipes it must be ensured that the stresses which occur in the glued seam as a result of bending the sheet are not too high. These stresses rise as the thickness of the insulation increases and the pipe diameter decreases. Therefore, we can only recommend using thicker sheets on large-diameter pipes. In addition, the temperature of the material during installation has a great impact on the stresses.

For advice on installation NH/Armaflex sheet in ambient temperatures $\geq 5^{\circ}\text{C}$ please see table below.

Sheet Thickness	Pipe Outer Diameter / mm				
	≥ 88.9	≥ 114	≥ 139	≥ 159	≥ 600
6 mm	●	●	●	●	●
10 mm	●	●	●	●	●
13 mm	●	●	●	●	●
19 mm	●	●	●	●	●
25 mm			●	●	●
32 mm				●	●



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