



Description

The **K369D** polyethylene strip is laid as an expansion joint in accordance with UNI EN 1264-4.

The joint surfaces must be no greater than 40 m², with a maximum length of 8 m. In the case of rectangular rooms, the joint surfaces may exceed these dimensions, but with a maximum length ratio of 2 to 1.

Versions and product codes

Product code	Size [mm]	Roll length [m]	Use (radiant underfloor)
K369DY001	150 x 8	50	Expansion joints

Completion codes

- R872DY001: rail for expansion joint strip

Technical data

- Temperature range: -20÷80 °C
- Noise abatement: 25 dB
- Compression value: 13kPa
- Toxicity:
 - conventional toxicity index: 10
 - smoke index: 7
 - smoke class: F1
- Dimensional tolerance: ±10 %

Materials

- Foam polyethylene with closed cells
- Does not contain CFCs (freon): in compliance with Law 549 of 28/12/93

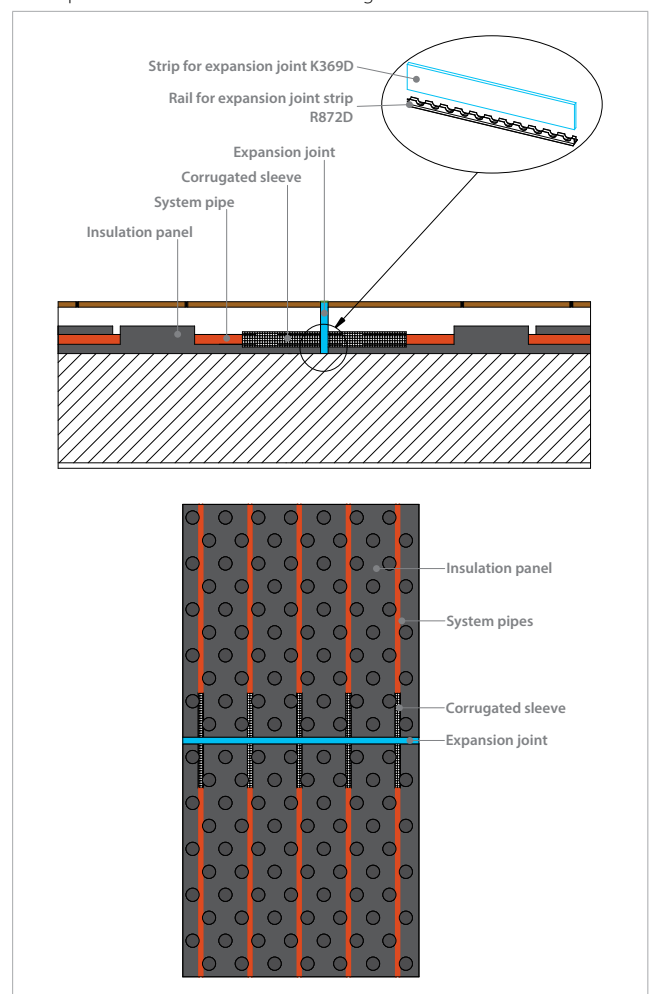
Creating the expansion joints

Sudden heat changes can cause slight floor movements. To prevent these movements from damaging the floor itself (cracks in the surface finish) over time, it may be necessary to lay dilation and division joints, as indicated in UNI EN 1264-4.

The position of the expansion joints must be decided in the project phase, as the circuit pipes must cross the joints on their delivery and return paths; the joints must therefore be designed on the basis of this need. Standard UNI EN 1264-4 states that "...the joint surfaces must be no greater than 40 m², with a maximum length of 8 m. In the case of rectangular rooms, the joint surfaces may exceed these dimensions, but with a maximum length ratio of 2 to 1 between the sides of the area in question."

If there are structural joints, it is essential to include them in the expansion joints. Division joints are envisaged in line with the doors, to separate the various rooms from the viewpoint of possible dilations too.

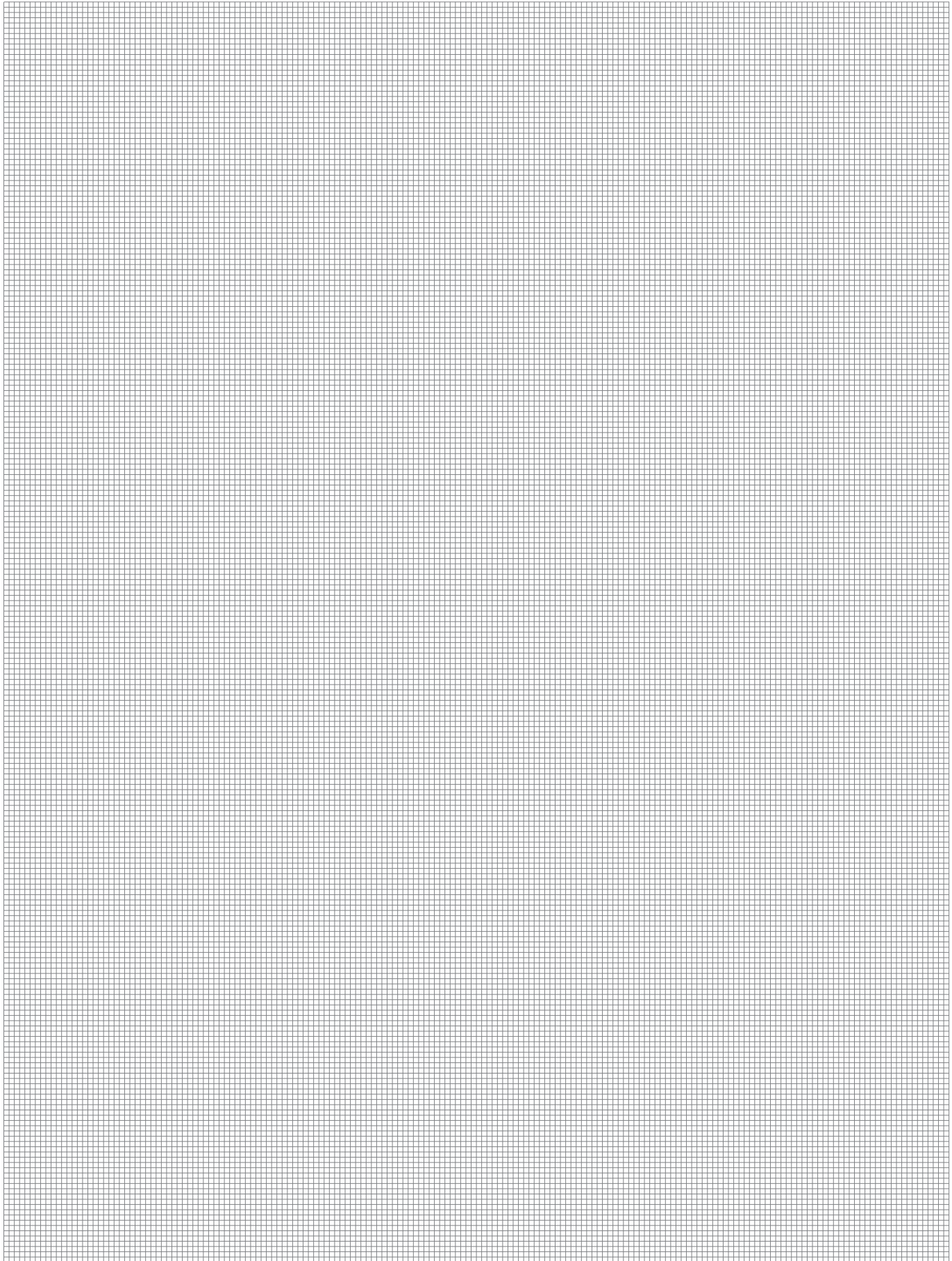
In the points where they cross the joints, the circuit pipes must be covered with a protective sheath at least 30 cm long.



Product specifications

K369D

Strip for expansion joints, in foam polyethylene with closed cells. Roll length 50 m. Size 150x8 mm (HxTh). Temperature range -20÷80 °C. Noise abatement 25 dB. Compression value 13 kPa. Toxicity: conventional toxicity index 10; smoke index 7; smoke class F1. Does not contain CFCs (freon): in compliance with Law 549 of 28/12/93.



Additional information

For further information, visit the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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