

No. 2/PL/2022

Name and trade name of construction product: **PUR foam insulation sheathing with PVC sheathing**

Building product type designation: **ThermaPUR lagging type: 035, 040**

3 Intended use(s): **Cylindrical insulation lagging made of soft polyurethane foam (PU) for thermal insulation of steel, copper and plastic installation pipes with circular cross-sections in sanitary (hot water) and heating installations and district heating pipes transferring heat carriers with continuous temperature up to 130° C, located inside residential, office and public utility buildings and in industrial applications, in buildings, production halls and warehouses. Thermal insulation for pipes in the DN8 ÷ DN100 nominal diameter range.**

4. the name and address of the registered office of the manufacturer and the place of manufacture of the product:

Thermaflex Izolacje Sp. z o.o Production plant: **Ul. Gdańska 14, Częstków Mazowiecki, 05-152 Czosnów, Poland**
Tel: +480748589666, e-mail: biuro@thermaflec.com

5. name and business address of the authorised representative, if any: **not applicable**

6 National system used to assess and verify constancy of performance: **System 3**

7 National Technical Specification:

7a. Polish product standard: **not applicable**

Name of accredited certification body, accreditation number and national certificate number or name of accredited laboratory(s) and accreditation number:
not applicable

7b. National technical assessment: **IMBiGS-KOT-2022/0033**

Technical Assessment Body/National Technical Assessment Body: **Institute of Mechanisation of Construction and Rock Mining, al. W. Korfantego 193A, 40-157 Katowice**

8 Declared performance characteristics:

| Essential characteristics | Declared performance characteristics | Test methods |
|---|--|---|
| Fire classification | Class E _s | PN-EN 13501-1+A1:2010 |
| Dimensions: (a) linear dimensions (dimensional tolerance) - length, mm - thickness, mm - internal diameter, mm (b) linearity, mm/m | 1000 ± 3 *) ± 2 *) - 0/+2 ≤ 6 | PN-EN 13467:2018-02 |
| Traces of water-soluble ions - mg/kg - pH value | ≤ 670,0 7,0 ± 1 | PN-EN 13468:2004 |
| Maximum application temperature, C° | 130 | PN-EN 14707 :2013-07 |
| Thermal conductivity coefficient at 40°C, W/m*K | 0,036 | PN-EN ISO 8497:1999 PN-EN ISO 13787:2005 |
| Closed cell content, % | 10 ± 1% | PN-EN ISO 4590:2016-07 |
| Compressive strength in radial direction (at 10% relative strain), kPa | ≥ 7 | PN-EN 826:2013-07 |

The national declaration of performance for this construction product and other technical documentation are available on the manufacturer's website: www.thermaflec.com.

The performance of the product identified above is in conformity with all declared performance characteristics listed in point 8. This National Declaration of Performance is issued in accordance with the Construction Products Act of 16 April 2004 under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer:



Zarów, 16.03.2022

Janusz Tichoniuk, Managing Director Cezary Naliwajek, Sales & Marketing Manager Insulation Europe

