

Report No. 1.6/pos/22/25
Hygienic Assessment of Ventilation Components – Textile Air Inlets

Expert Report No.: 221582, SZÚ/16782/2022
Client: **Příhoda s.r.o.**, Za radnicí 476, 539 01 Hlinsko

Used documents:

- 1) Technical documents available at www.prihoda.com
- 2) Materials Characteristics textile materials NHE, NHF, NLF, NLS, NMF, NMI, NMR, NMS, NMSre, NMT, PLS, PMI, PMS, PMSre.
- 3) Certificate No. 22-106/2 for fabrics PMI with an antibacterial treatment, Protocol No. COV/22/290-2; issued by TZÚ s.p. Brno, Certification body for product certification, 11th November 2022
- 4) Certificate No. 22-106/1 for fabrics NMI with an antibacterial treatment, Protocol No. COV/22/290-1; issued by TZÚ s.p. Brno, Certification body for product certification, 11th November 2022
- 5) Test Protocol No. CHZ 11/0171 Evaluation of the action of microfungi, for fabric NMF; issued by TZÚ s. p. Brno, Certification body for product certification, 6th April 2011
- 6) Expert Opinion No. 14/VaV-ZP/2020, Suitability of use textile materials for kitchens and food operation, CTU in Prag, Faculty of Mechanical Engineering, 10th November 2020
- 7) VDI 6022-1 Hygienische Anforderungen an Raumluftechnische Anlagen und Geräte

Product description:

The product consists of a line of pipes and outlets of different shapes and dimensions for air distribution made of **textile materials NHE, NHF, NLF, NLS, NMF, NMI, NMR, NMS, NMSre, NMT, PLS, PMI, PMS, PMSre.**

Textile fabrics are provided with an antibacterial treatment that withstands washing. Their maintenance and cleaning are easy. With the exception of NHE, NLF, NMF and NMT all fabrics may be washed in a washing machine; NHE, NLF, NMF and NMT needs to be dry or wet cleaned manually. With regards to the fact that the fabrics are made of so-called filaments, no particles are released into the air during their use – these fabrics may be used for air distribution in clean premises of class 4 in accordance with ČSN EN ISO 14644-1.

Conclusion:

Based on the presented documents we conclude that textile materials NHE, NHF, NLF, NLS, NMF, NMI, NMR, NMS, NMSre, NMT, PLS, PMI, PMS, PMSre and final products made from these fabrics, i.e. **textile distributions and outlets for air distribution, manufactured by Příhoda s.r.o., Hlinsko**

meet the hygienic requirements

in terms of their material, construction and operation, and may be used for air treatment of all types of environments, including food industry operations.

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