

References

1. Kuklane K, Holmér J. Effect of sweating on insulation of footwear. *International Journal of Occupational Safety and Ergonomics* 1998; 4(2): 123 – 136.
2. Heus R, Schols E, Van den Eijnde W. Water vapour transport as a determinant of comfort in evaluating shoes. *Elsevier Ergonomics Book Series* 2005; 3: 445 – 448.
3. Mundermann A, Nigg B M, Stefanyshyn D J, Neil Humble R. Development of a reliable methods to assess footwear comfort during running. *Gait and Posture* 2002; 16: 38 – 45.
4. Hole L G. Sweat health disposal from footwear and hygiene of foot skin. *Journal of the Society of Cosmetic Chemists* 1973; 24: 43-63.
5. Falkiewicz – Dulik M. Charakterystyka materiałów stosowanych na podpodeszwy. *Technologia i Jakość Wyrobów* 2016; 61: 86 – 94.
6. Smith C J, Havenith G. Body mapping of sweating patterns in male athletes in mild exercise – induced hyperthermia. *European Journal of Applied Physiology* 2011; 111(7): 1391 – 1404.
7. Irzmańska E, Brochocka A. Influence of the physical and chemical properties of composite insoles on the microclimate in protective footwear. *FIBRES & TEXTILES in Eastern Europe* 2014; 22, 5(107): 89-95.
8. US5763335A: Composite material for absorbing and dissipating body fluids and moisture, 1998.
9. US5727336A: Footwear insole with a moisture absorbent inner layer, 1998.
10. Matusiak M. Investigation of the thermal insulation properties of multilayer textiles, *FIBRES & TEXTILES in Eastern Europe* 2006; 14 (5): 98-102.
11. PN-EN ISO 20344:2012: Środki ochrony indywidualnej – Metody badania obuwia.
12. Langmaier F. Hygiena a komfort obuté nohy. *Kozarstvi* 1990; 40: 345-348.
13. Serweta W, Olejniczak Z, Woźniak B. Influence of the thermal and humidity properties of multi – layered lining fabrics on microclimate of leather footwear. In: Frydrych I, Bartkowiak G, Pawłowa M, editors. *Innovations in Protective and E-textiles in Balance with Comfort and Ecology*. Lodz: Lodz University of Technology; 2017.
14. Weiner J S. The regional distribution of sweating. *Journal of Physiology* 1945; 104: 32 - 40.
15. Tatano F, Acerbi N, Monterubbiano C, Pretelli S, Tombari L, Mangani F. Shoe manufacturing wastes: characterisation of properties and recovery options. *Resources, Conservation and Recycling* 2012; 66: 66 - 75.