

References

1. Hes L. Alternative Methods of Determination of Water Vapour Resistance of Fabrics by Means of a Skin Model, *3rd European Conference on Protective Clothing and NOKOBETEF 8*, Gdynia, 2006.
2. Hes L, Sluka P, Uvod do komfortu textilii, Technical University of Liberec, Liberec Techniká Univerzita v Liberci, 2005, ISBN 80–7083–926–0.
3. Matusiak M. Thermal Insulation of Woven Fabrics for Clothing (*in Polish*) Monograph, Works of the Textile Research Institute, Special Edition, Textile Research Institute, Lodz 2011, ISBN978-83-911544-7-2.
4. Hualing H, Zhicai Y. Effect of Air Gap Entrapped in Firefighter Protective Clothing on Thermal Resistance and Evaporative Resistance. *Autex Research Journal* 2018; 18, 1: 28–34.
5. Ogulata RT. Air Permeability of Woven Fabrics. *Journal of Textile and Apparel, Technology and Management* 2006; September.
6. Matusiak M. Application of Artificial Neural Networks to Predict the Air Permeability of Woven Fabrics. *FIBRES & TEXTILES in Eastern Europe* 2015; 23, 1(109): 41-48.
7. Tokarska M, Gniotek K. Determination of Woven Fabric Impact Permeability Index. *Indian Journal of Fibre & Textile Research* 2009; 34: 239 – 244.
8. Matusiak M. Study of Quilted Fabrics Used in Outdoor Clothing. *Tekstilec* 2017; 60(4): 302-309.
9. <https://www.toptextil.pl/usluga-pikowania-tkanin/>
10. <http://pikowanietkaninartwit.pl/>
11. Matusiak M, Kowalczyk S. Thermal-insulation Properties of Multilayer Textile Packages. *AUTEX Research Journal* 2014; 14(4): 299–307.
12. Gupta D, Srivastava A, Kale S. Thermal Properties of Single and Double Layer Fabric Assemblies. *Indian Journal of Fibre & Textile Research* 2013; 38(4): 387-94.
13. Sybilska W, Korycki R. Analysis of Thermal-Insulating Parameters in Two- and Three-Layer Textiles with Semi-Permeable Membranes. *FIBRES & TEXTILES in Eastern Europe* 2016; 24, 5(119): 80-87. DOI: 10.5604/12303666.1215532.
14. Sabir EC, Doba Kadem F. Comfort and Performance Properties of Raised and Laminated Denim Fabrics. *FIBRES & TEXTILES in Eastern Europe* 2016; 24, 5(119): 88-94. DOI: 10.5604/12303666.1198064.
15. Matusiak M, Wilk E. Investigation of Mechanical and Utility Properties of Two-Layer Cotton Woven Fabrics. *Autex Research Journal* 2018, 18(2): 192-202.
16. Matusiak M. Investigation of the Thermal Insulation Properties of Multilayer Textiles. *FIBRES & TEXTILES in Eastern Europe* 2006; 14, 5(59): 98-112.
17. Unal PG, Kayseri GO, Kanat ZE. The Effect of Different Connections in Double Layered Woven Fabrics on Comfort Properties. *Fibers and Polymers* 2012;13, 2: 258-263.
18. Korycki R, Szafranska H. Thickness Optimisation of Sealed Seams in Respect of Insulating Properties. *FIBRES & TEXTILES in Eastern Europe* 2017; 25, 2(122): 68-75. DOI: 10.5604/12303666.1228185.
19. Mangat AE, Hes L, Bajzik V, Mazari A. Thermal Absorptivity Model of Knitted Rib Fabric and its Experimental Verification. *Autex Research Journal* 2018; 18, 1: 20-27.
20. Zhu G, Kremenakova D, Wang Y, Militky J, Mazari F B. An Analysis of Effective Thermal Conductivity of Heterogeneous Materials. *Autex Research Journal* 2014, 14, 1: 14-21.