

## References

1. Nemcokova R, Glombikova V, Komarkova P. Study on Liquid Moisture Transport of Knitted Fabrics by Means of Mmt, Thermography and Microtomography Systems. *Autex Research Journal* 2015; 15, 4: 233-242.
2. Rossi R. *Interactions between protection and thermal comfort, chapter in textiles for protection*, edited by Scott A, Woodhead Publishing Ltd, Cambridge England, 2005, ISBN-13: 978-1-85573-921-5, p. 233-260.
3. ISO 7730 1984 Moderate thermal environments - Determination of the PMV and PPD indices and specification of the conditions for thermal comfort.
4. Hes L. Alternative Methods of Determination of Water Vapour Resistance of Fabrics by Means of a Skin Model, 3<sup>rd</sup> *European Conference on Protective Clothing and NOKOBETEF* 8, Gdynia, 2006.
5. Matusiak M. Thermal Insulation of Woven Fabrics for Clothing. *Monograph, Works of Textile Research Institute, Special edition*, Ed. Textile Research Institute, Lodz, Poland, 2011.
6. Jianhua H, Xiaoming Q. Comparison of Test Methods for Measuring Water Vapor Permeability of Fabrics. *Textile Research Journal*; Apr 2008; 78, 4: 342-352.
7. Skenderi Z, Salopek Čubrić I, Srdjak M. Water Vapour Resistance of Knitted Fabrics under Different Environmental Conditions. *FIBRES & TEXTILES in Eastern Europe* 2009; 17, 2(73): 72-75.
8. Chinta SK, Gujar PD. Significance of Moisture Management in Textiles. *International Journal of Innovative Research in Science, Engineering and Technology* 2013; 2, 6: 2104-2114.
9. Zhong W. *Surface tension, wetting and wicking, chapter in: chapter in textiles for protection*, edited by Scott A., Woodhead Publishing Ltd, Cambridge England, 2005, ISBN-13: 978-1-85573-921-5, 136-155.
10. Mayur B, Mrinal C, Saptarshi M, Adivarekar R. Moisture Management Properties of Textiles and Its Evaluation. *Current Trends in Fashion Technology & Textile Engineering* 2018; 3(3): 555611.
11. Patnaik A, Rengasamy RS, Kothari VK, Ghosh A. Wetting and Wicking in Fibrous Materials. *Textile Progress* 2006, 38, 1: 1-105.
12. Harnett PR, Mehta PN, Survey and Comparison of Laboratory Test Methods for Measuring Wicking. *Textile Research Journal* 1984; 54, 7: 471-478.
13. Kissa E. Wetting and wicking. *Textile Research Journal* 1996, 66: 660-668.
14. Hes L, Dolezal I. A New Computer-Controlled Skin Model for Fast Determination of Water Vapour and Thermal Resistance of Fabrics. 7<sup>th</sup> *Asian Textile Conference*, New Delhi, 2003.
15. International Standard ISO 11902:1993. Textiles – Determination of physiological properties – Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test).
16. AATCC Test Method 197, Vertical Wicking of Textiles.
17. SDL Atlas MMT M 290 manual.
18. Özdil N, Gamze Süpüren G, Özçelik G, Průchová J. A Study on The Moisture Transport Properties of the Cotton Knitted Fabrics in Single Jersey Structure. *Tekstil Ve Konfeksiyon* 2009; 3: 218- 223.
19. Öner E, Atasagun HG, Okur A, Beden AR, Durur G. Evaluation of moisture management properties on knitted fabrics. *Journal of The Textile Institute* 2013; 104, 7: 699-707.

20. Sai Sangurai G, Radhalakshmi YC, Subramaniam V. Effect of polyester cross-section on moisture management properties of knitted fabrics. *International Journal of Scientific & Engineering Research* 2014; 5, 3, 69: 69-74.
21. Mangat MM, Hussain T, Bajzik V. Impact of Different Weft Materials and Washing Treatments on Moisture Management Characteristics of Denim. *Journal of Engineered Fibers and Fabrics* 2012; 7, 1: 38-49.
22. Çeven EK, Günaydin GK. Investigation of Moisture Management and Air Permeability Properties of Fabrics with Linen and Linen-Polyester Blend Yarns. *FIBRES & TEXTILES in Eastern Europe* 2018; 26, 4(130): 39-47. DOI: 10.5604/01.3001.0012.1311.
23. Chen X, Taylor LW, Tsai LJ. An Overview on Fabrication of Three-Dimensional Woven Textile Preforms for Composites. *Textile Research Journal* 2011; 81, 9: 932-944.
24. Soden JA, Hill J. Conventional Weaving of Shaped Preforms for Engineering Composites. *Composites Part A* 1998, 29A: 757-762.
25. Bilisik AK. Multiaxial Three-dimensional (3-D) Circular Woven Fabric. Patent No. USP 129 122, 2000.
26. Unal PG. *3D Woven Fabrics*, chapter in: *Woven Fabrics* edited by Han-Yong Jeon, InTech, Rijeka, Croatia, 2012, 91-120. ISBN 978-953-51-0607-4.
27. Matusiak M, Wilk E. Investigation of Mechanical and Utility Properties of Two-Layer Cotton Woven Fabrics. *Autex Research Journal* 2018, 18, 2: 192-202.
28. Gandhi K. *Woven Textiles Principles, Technologies and Applications*. 1<sup>st</sup> ed., Woodhead Publishing, ISSN 2042-0803, New Delhi, 2012.
29. Szosland J. *Woven structures* (in Polish), Polish Academy of Science, Lodz, 2007.
30. Matusiak M, Sikorski K, Wilk E. *Innovative woven fabrics for therapeutic clothing*, chapter in: *Innovations in Textile Materials & Protective Clothing*, edited by Bartkowiak G, Frydrych I, Pawłowa M, Warsaw, 2012, 89-106.
31. Ghahraman FG, Tavanai H, Hosseini SA. A qualitative assessment of seersucker effect through spectral density and angular power spectrum function algorithms. *The Journal of The Textile Institute* 2010; 101 (3): 276-281.
32. Matusiak M, Frączzak Ł. Investigation of 3D Woven Fabric Topography Using Laser-Scanning. *FIBRES & TEXTILES in Eastern Europe* 2018; 26, 1(127): 81-88.
33. Matusiak M, Frączzak Ł. Influence of Kind of Weft Yarn on Properties of the Seersucker Woven Fabrics. *AUTEX Research Journal* 2016; 16, 4: 214-221. ISSN: 2300-0929.
34. Ashraf W, Nawab Y, Maqsood M, et al. Development of Seersucker Knitted Fabric for Better Comfort Properties and Aesthetic Appearance. *Fibers and Polymers* 2015; 6, 3: 699-701.
35. Matusiak M, Frączzak Ł. Comfort-related properties of seersucker fabrics in dry and wet state. *International Journal of Clothing Science and Technology* 2017, 29 3: 366-379.
36. Matusiak M, Frączzak Ł. Influence of Kind of Weft Yarn on Properties of the Seersucker Woven Fabrics. *AUTEX Research Journal* 2016; 16, 4: 214-221.
37. Kyame GJ, Lofton JT. Cool and Carefree Cotton Seersucker, Available from: <https://naldc.nal.usda.gov/download/IND43895201/PDF>.
38. Maqsood M, Nawab Y, Javaid MU, Shaker K, Umair M. Development of seersucker fabrics using single warp beam and modelling of their stretch-recovery behaviour. *The Journal of The Textile Institute* 2014; 1154-1160.
39. Ashraf W, Nawab Y, Maqsood M, et al. Development of Seersucker Knitted Fabric for Better Comfort Properties and Aesthetic Appearance. *Fibers and Polymers* 2015; 16,3: 699-701.
40. Willard D. *The Fabric Selector*, 1st ed., 2011, Search Press Ltd, 42-78.
41. Matusiak M, Frączzak Ł. Comfort-related properties of seersucker fabrics in dry and wet state. *International Journal of Clothing Science and Technology* 2017; 29, 3: 366-379.

42. AASTCC Test Method 195-2011. Liquid Moisture Management Properties of Textile Fabrics.