

DIN EN 17528:2022-12 (E)

Clothing - Physiological effects - Measurement of water vapour resistance by means of a sweating manikin

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Symbols and abbreviated terms	7
5	Measurement and test methods	7
5.1	Principle	7
5.2	Apparatus	8
5.2.1	Standard manikin	8
5.2.2	Controlled climatic chamber	9
5.3	Selection and preparation of test garments	9
5.4	Test procedure	10
5.5	Expression of test results and calculation	11
5.6	Repeatability and reproducibility	11
5.7	Test report	12
Annex A (informative) Guidelines to determine sweating rate		13
Annex B (informative) Reference ensemble		17
Annex C (normative) Measurement of clothing area factor (fcl)		18
Annex D (informative) Correction of the acquired evaporative resistance values for textile skin temperatures		22
Bibliography		24