



**EN 342 ENSEMBLES AND GARMENTS FOR
PROTECTION AGAINST COLD
TEST METHODS AND REQUIREMENTS**

Check of the design	EN 342 Annex D
Check of the ergonomic features	EN ISO 13688
Check of size designation	EN ISO 13688
Pretreatment: Washing and drying	EN ISO 15797 (industrial) or EN ISO 6330 (domestic)
Dimensional change due to cleaning	ISO 5077 after 5 cycles
Tear resistance	EN ISO 4674-1 in warp and weft direction in new state
Air permeability, AP	EN ISO 9237 in new state
Resistance to water penetration, WP – textile (optional)	EN 20811 in new state
Resistance to water penetration, WP – seams (optional)	EN 20811 in new state
Thermal insulation, I_{cler}	EN ISO 15831 in new state
Water vapour resistance, R_{et} – (only if water penetration is tested)	EN 31092 ISO 11092 in new state