

## Product Assessment Report

Sample Description:	8361047/8361547 Shell Jacket for men and lady 8311047/8311547 Shell Pant for men and lady
Materials:	Woven fabric, 3 layers of mechanical elastic plain fabric with PU lamination
Customer:	Bekken & Strøm AS Alfarveien 22, Pb. 333 NO-2803 Gjøvik, Norway
Test Specification:	EN ISO 13688:2013 and EN 343:2019 Protective clothing against rain

We hereby declare that the products have been assessed by SGS Fimko and found to comply with the requirements of EN ISO 13688:2013 and EN 343:2019 as follows:

Property	Requirement in EN 343	Assessment
Resistance to water penetration WP, materials as received or after pretreatments, seams as received or after cleaning	Class 1: $\geq 8000$ Pa material and seams as received Class 2: $\geq 8000$ Pa material after pretreatments and seams as received Class 3: $\geq 13\ 000$ Pa material after pretreatments and seams as received Class 4: $\geq 20\ 000$ Pa material after pretreatments and seams after cleaning	Complies Class 3
Water vapour resistance $R_{et}$	Class 1: $R_{et}$ above $40\ m^2Pa/W$ Class 2: $25 < R_{et} \leq 40\ m^2Pa/W$ Class 3: $15 < R_{et} \leq 25\ m^2Pa/W$ Class 4: $R_{et} \leq 15\ m^2Pa/W$	Complies Class 3
Waterproofness of ready-made garment R, optional	Clause 4.9, table 4	Not tested, X
Tensile strength, woven	Minimum 450 N Not applicable, if elongation $>50\%$	Complies
Tear resistance, woven	Minimum 20 N	Complies
Dimensional change	Woven; not exceed $\pm 3\%$	Complies
Seam strength	At least 200 N Not applicable, if fabric elongation $>50\%$	Complies
Marking and care labelling	Clause 8	Complies with EN ISO 13688:2013, EN 343:2019 and PPE Regulation (EU) 2016/425
Information supplied by the manufacturer	Clause 9	Complies with EN ISO 13688:2013, EN 343:2019 and PPE Regulation (EU) 2016/425

Authorised by:



Erja Tammela  
Senior Specialist

This assessment is based on the technical documentation supplied by the applicant 2021-10-26, on SGS test reports No. SL52115297269101TX, SL52115297270101TX, 2019-09-02; SL5212532391001TX, SL5212532392870TX, 2021-11-26; SL52115309056901TX, SL52115309055401TX, 2021-09-24; SL52125324013201TX, SL52125324105201TX, 2021-11-30, SL52125335887401TX, SL52125335886001TX, 2021-12-16

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