Institute of Security Technology
„MORATEX"
90-505 Łódź, ul. M. Skłodowskiej-Curie 3

Metrology Laboratory

AB 154

No 32/MON/2015

TEST REPORT NO 464/2015

Contract: 289/2015

Order no: 406

Scope of the test: Determination of mass per unit area, water-vapour resistance under steady-state conditions, thermal resistance under steady-state conditions.

Identification of the tested subject:
Knitted fabric article B 445D/15 colour 1138.

Customer's name and address: „Omniteksas", UAB
Raudondvario pl. 101
LT-47184, Kaunas
Lithuania

Date of receipt of the subject: 02.10.2015
Date of carrying the test: 05.10÷12.10.2015

The test carried out by: (Name/s and surname/s)	Signature
Anna Muras	Anna Muras

Report issue date: 12.10.2015

INSTYTUT TECHNOLOGII BEZPIECZEŃSTWA „MORATEX"
90-505 Łódź, ul. M. Skłodowskiej-Curie 3
tel. centr. 42 637-37-10
NIP 7240000210 REGON 000047504

Authorising person

LABORATORIUM BADAŃ METROLOGICZNYCH
Kierownik Laboratorium
mgr inż. Bożena Wilbik-Halgas

Comment:
1. The test results refer only to the tested samples
2. The test was carried out using the samples delivered by the customer.
3. The report cannot be duplicated otherwise than as a whole without a written consent of the Metrology Laboratory
4. The number written behind the ± symbol is the value of the expanded uncertainty with a extension of k= 2 and confidence level 95 %.

TEST RESULTS OF
Knitted fabric article B 445D/15 colour 1138.

Test report no 464/2015

Parameters	Test results	Standard	Additional information
Mass per unit area [g/m^2]	241 ± 2	PN-ISO 3801: 1993	Method 5.
specimen no 1	242		
specimen no 2	241		
specimen no 3	240		
specimen no 4	241		
specimen no 5	241		
Water-vapour resistance Ret [m^2 Pa/W]	6,3 ± 0,2	PN-EN 31092:1998+ A1:2013	Number of specimens: 3 Number of measurements on every specimen: 6 Climate: Tm= 35°C Ta= 35°C R.H.=40 % Va =1 m/s
specimen no 1	6,1		
specimen no 2	6,4		
specimen no 3	6,3		
Thermal resistance Rct [m^2 K/W]	0,063 ± 0,002	PN-EN 31092:1998+ A1:2013	Number of specimens: 3 Number of measurements on every specimen: 6 Climate: Tm= 35°C Ta= 20°C R.H.=65% Va=1 m/s
specimen no 1	0,0632		
specimen no 2	0,0645		
specimen no 3	0,0627		

Atmosphere for conditioning according to PN-EN ISO 139:2006+A1:2012

THE END OF THE TEST REPORT

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