

USB Protector Head FH 155

Highly breathable membrane

Riwega | eternitycomfort

Rev.04

Technical data sheet

of 31/10/2016

Art. 02050215

of 13/02/2024

Material	PP-composite	 EN 13859-1/2
Film	UV 50 PUR	
Colour	Blue	
Durability under integrated FTV	Yes	
Roll width	1,5 m	
Roll length	50 m	
Roll weight	12 Kg	
Classification in accordance with UNI 11470 (IT)	B	
Classification in accordance with ZVDH (DE)	UDB - USB	
Classification in accordance with Onorm B4119/B3661 (AT)	Typ I	
Classification in accordance with SIA 232/1 (CH)	UD EB-NB	
Classification in accordance with DTU (FR)	40.29	
Available in TOP SK version	Art.TOP SK 02020215	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m ²	155 (±10g/m ²)
Sd value	EN ISO 12572	m	0,1
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca.200
Water column	EN 20811	cm	> 800
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	300 (±40N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	230 (±30N/50mm)
Elongation MD*	EN 12311-1	%	90 (±20%)
Elongation CD*	EN 12311-1	%	100 (±20%)
Resistance to tearing MD*	EN 12310-1	N	180 (±20N)
Resistance to tearing CD*	EN 12310-1	N	210 (±20N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	8
Temperature resistance	EN 1109	°C	-40 / +120
After artificial ageing			
Resistance to water penetration	EN 1928 (Met. A)	-	npd**
Tensile strength MD/CD*	EN 12311-1	N/50mm	npd**
Elongation MD/CD*	EN 12311-1	%	npd**

Density	EN 1849-1	Kg/m ³	207
Thickness	EN 1849-2	mm	0,75
Vapour resistance coefficient [μ]	EN ISO 12572	-	133
Vapour permeability coefficient	-	Kg/m*s*Pa	1,4511*10 ⁻¹²
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction

**npd= no performance determinated

Riwega S.r.l. reserves the possibility to review or change these technical values. The updated technical data sheet can be found on the website www.riwega.com.
This data sheet replaces the previous copy.