comfortemp®
THERMAL INSULATION

SCU SERIES

- An ecologically-minded insulation made with 100% rPET fibers
- Excellent warmth performance value
- Economical value to price ratio

PROPERTIES		TEST METHOD	SCU 40R	SCU 60R	SCU 80R	SCU 100R	SCU 120R	SCU 150R	SCU 180R	SCU 200R
Weight*	g/m²	DIN EN 29073-1 / ISO 9073-1	40	60	80	100	120	150	180	200
Thickness**	mm	DIN EN 29073-2 /ISO 9073-2	7.6	9.6	13.3	15.3	16.5	19.0	20.0	22.0
Fiber Composition	%		100 rPET							
Roll Width/Length	cm x m in x yd		152 x 100 60 x 109	152 x 80 60 x 88	152 x 60 60 x 66	152 x 50 60 x 55	152 x 50 60 x 55	152 x 50 60 x 55	152 x 40 60 x 44	152 x 30 60 x 33
Colors			10, White							
Certificates			GRS Cert. no. CU855622 Oeko-Tex 100, Class I							
Thermal Insulation RCT	m²K/W	DIN EN 31092 / ISO 11092	0.19	0.26	0.33	0.39	0.43	0.58	0.60	0.67
CLO***	RCT/0.155		1.25	1.67	2.11	2.49	2.75	3.73	3.90	4.34

CARE TREATMENTS

NOTES

- Allow 24 hours for recovery after removal from vacuum pack.
- We recommend to store these products in a horizontal position (not standing) to avoid product deformation.

* General tolerance for product weight is ± 10%

** Thickness of voluminious nonwovens is affected by factors including, but not limited to, packing, storage environment, humidity, etc. Thickness values listed refer to production standards and are subject to normal variations in production.

*** One CLO-unit corresponds to the thermal insulation needed to maintain the heat balance of a sedentary standard person at an ambient climate of 21°C, 50% r.h. and 0.1m/s wind speed. Calculation of CLO-Value: CLO = Rct(m²K/W)/0.155

All Figures quoted are target values and subject to normal variations in production. We recommend that sewing trials and subsequent care treatments are carried out before production commences.

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