

# comfortemp® STRETCH THERMAL INSULATION

# HYSxR SERIES



Stretchable thermal insulation made with GRS certified recycled polyester for use in jackets, pants and accessories.

Comfortemp® STRETCH HYSxR Series offers:

- Ideal for activewear and close-fitting garments
- High percentage of GRS certified Recycled Polyester
- 4-way stretchable - perfect compatibility with cross-stretchable woven outerfabrics
- Very good stretch recovery

PROPERTIES		TEST METHOD	HYS 25R	HYS 40R	HYS 60R	HYS 90R
Weight*	g/m <sup>2</sup>	DIN EN 29073-1 / ISO 9073-1	25	40	60	90
Thickness**	mm	DIN EN 29073-2 / ISO 9073-2	5	6	9	15
Fiber Composition	%	85%rPET / 15%PES	For rPET content in the TC, please refer to the product category in the GRS certification.			
Roll Width/Length	cm x m in x yd		145 x 100 57 x 109		145 x 50 57 x 55	
Colors		10, White				
Certificates		GRS Cert. no. CU855622		Oeko-Tex 100, Class I		
Thermal Insulation						
RCT	m <sup>2</sup> K/W	DIN EN 31092 / ISO 11092	0.11	0.13	0.20	0.33
CLO***	RCT/0.155		0.68	0.84	1.29	2.11

## 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.
- A light quilting of 15cm is recommended

\* General tolerance for product weight is ± 10%

\*\* Thickness of voluminous 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:  $CLO = Rct(m^2K/W)/0.155$

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.