comfortemp® protect THERMAL INSULATION

HO 15x GRS

Extremely durable thermal insulation wadding with good warmth retention and wearing comfort. Ideal for workwear and bedding applications.

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
21.0.81978 Hohenstein HTTI
Tested for harmful substances.
www.oeko-tex.com/standard100

- Resisting 25 cycles of Industrial laundry (DIN EN ISO 15797) @75°C including industrial drying; test report by Hohenstein Institute available
- Successfully tested at garment dyeing
- Very resistant against fiber migration in combination with appropriate outer fabrics
- High wearing comfort
- Sustainable due to fiber content out of post-consumer recycled PET bottles > 20% with GRS certification

TECHNICAL DATA

SPECIFICATIONS		HO 153 GRS	HO 154 GRS	HO 155 GRS	HO 156 GRS
Weight	g/m²	80	100	120	150
Construction		Wadding Binder Bonded	Wadding Binder Bonded	Wadding Binder Bonded	Wadding Binder Bonded
Fiber Composition	%	78 PES 22 rPET	78 PES 22 rPET	78 PES 22 rPET	78 PES 22 rPET
Color Code		10, White	10, White	10, White	10, White
Width/Length	mm x m	1520 x 60	1520 x 50	1520 x 45	1520 x 40
Thickness	mm	5	7	9	12
RCT*	m²K/W	0.17	0.21	0.23	0.28
CLO	RCT/0.155	1.10	1.35	1.48	1.80
Max quilting distance		10 - 50 cm	10 - 50 cm	10 - 50 cm	10 - 50 cm

EU-Origin

*DIN EN 31092 / ISO 11092, GRS

CARE TREATMENT



- Recommended Quilting distances / washing requirements
  - 50cm for 3 * 40°C home laundry
  - 20cm for 10 * 60°C home laundry
  - 10cm for 25 * 75°C industrial laundry / garment dyeing
- We recommend to carry out tests (e.g. care treatment, fiber migration etc.) before starting production
- Thickness (DIN EN 29073-2, ISO 9073-2): General tolerance is usually +/- 1-2mm (after relaxation and in norm climate)
- Unit weight (DIN EN 29073-1, ISO 9073-1): General tolerance is +/- 10%
- RCT / CLO (DIN EN 31092 / ISO 11092): Target values subject to deviation
- Allow 24 hours for recovery after removal of vacuum package

FREUDENBERG
PERFORMANCE MATERIALS

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