

TECHNISCHES DATENBLATT	TECHNICAL DATA SHEET	FICHE TECHNIQUE
Nahme / Product Name / Type de produit	"COOLPAD"	Buffing Pad DLW + Interface PES Tridimensionel
Composition Fasern / Polishing Fiber / Fibre		New Zealand Wool with or without stripped pattern or foam
Composition Velours / Jersey Interface		Knitted Polyester loop pile and 3D PES
Farbe Fasern / Color Fiber / Couleur Fibre		Natural Wool Colour or PU Foams
Farbe Velours / Color Jersey / Couleur Jersey		Black

Physical Properties

Tests	Measures	Results	Spec Targets	Methods
Diameter / Diamètre	mm	76 & 130	76 & 130	
Dicke / Thickness / Epaisseur	mm	10	wool pile height 4,5mm + 4 mm 3D PES	
Gewicht / Weight / Poids	g	11	11,2 tolérance +/- 5%	
Velcro Haftung / Adhésion du velcro	N/25mm	45	45 tolérance +/- 5%	
Support Mass Surface	g/m ²	1200	1200	D45 1012
Tear resistance new	N/m	12	11	D41 1049
Tear resistance after 7 days exposure to 70°C	N/m	12	11	D41 1049
Elongation to break new	%	15	13	D41 1050
Elongation to break after 7 days at 70°C	%	15	13	D41 1050
Zugfestigkeit / Tensile Strength / Résist Déch.	kPa	600	600	DIN EN ISO 1798

Tolerances of approx +/- 5% are allowed according to the International EDANA Norms.

INNOVATION BY GEKATEX TECHNICAL TEXTILES AND SURFACE TREATMENT SYSTEMS

"COOLPAD" 3D AIR CIRCULATION Buffing Pad Benefits

1. Decrease in polishing temperature of min. 35%
2. Less risk of Hologram buiding due to lower temperature obtained
3. Flexibility of the pad on non flat surfaces
4. Faster finish of the zone to be treated
5. Time savings due to fast cut and high performance polishing even on most delicate surfaces
6. Stability of the pad thanks to the highly resistant composition of the 3D PES

Ultimate Polishing Comfort

A recent study from the IFTH Troyes , in cooperation with the Textile University Labs in Gent Belgium , showed that the comfort and efficiency of a visco-elastic wool or foam buffing pad with a 3D "COOL" PES interface fabric was rated significantly (in average 25%) superior to the results obtained on a standard pad using similar surface treatment fibers.

Outstanding Pressure Relief and AIR CIRCULATION

"COOLPAD" is a product range with a unique highly-resilient three-dimensional structure

"COOLPAD" creates a functional layer of air space that results in multiple benefits and ultimate polishing results

"COOLPAD" acts as a breathing layer, combining pressure relief, thermoregulation and moisture management in one high tech composed finished product.

"COOLPAD" is applied as interface panel (especially with memory foam or wool) with high temperature reduction properties

"COOLPAD" is available in a broad variety of textures and sizes

"COOLPAD" is a patented design manufactured exclusively by Gekatex S.A.S. in France

"COOLPAD" 3D fabric was tested according to the EN1957:2000 test methods simulating 30.000 cycles on roller test and the results obtained showed no impact on the resilience and the stability of the "COOLPAD" product.