Example of color enhanced image generated from Thermex[®]



Temperature distribution after Topaq® analysis



Thermex[®] is a unique temperature indicating material. As thin as a standard sheet of paper, Thermex[®] changes color to reveal relative temperature distribution between any two contacting surfaces. Upon exposure to temperature the Thermex[®] sheet instantaneously and permanently changes color. The intensity of that color is directly related to the temperature it was exposed to, allowing Thermex[®] to spot high or low temperature zones. Thermex[®] is inexpensive, precise and disposable.

TACTILE PRESSURE EXPERTS



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THERMEX[®] Tactile Surface Temperature Indicating Materials

Example Areas of use



Form fill and seal machines



Lamination presses



Ultrasonic welding



Vacuum & Flat Web type machines

Normal minimum heat seal temperature	
Low Density Polyethylene	245° F (118° C)
High Density Polyethylene	285° F (141° C)
Polypropylene	350° F (177° C)
lonomer (Surlyn)	220° F (104° C)
Ethylene Vinyl Acetate Copolymer (12%)	200° F (93° C)
Ethylene Vinyl Acetate Copolymer (18%)	170° F (77° C)

Specifications		
Temperature Range	200° F to 300° F (93° C to 149° C)	
Dimensions	17 inches x 22 inches (43 cm x 55.8 cm)	
Thickness	2 mil (0.05 mm)	

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