

TECHNICAL DATA

ULTRA-MATE® HTH 705

Summary

HTH 705 is the hook most like the standard woven nylon hook fastener. It offers somewhat higher strength, widths upto 300mm, high cycle life and attachment by mechanical means, sewing, ultrasonic welding or pressure sensitive adhesive pre-coat.

Construction Characteristics

Construction	Extruded
Composition	100% Polyamide
Width	Nominal $\pm 1\text{mm}$
Overall Thickness	1.2mm
Weight / m²	420g/m ² $\pm 4\%$

Performance Characteristics

Mechanical strength with Loop 1000

Peel Strength*	Average = 2.3 N/cm
Shear Strength*	Average = 19.0 N/cm ²
Cycle Life*	50% loss after 10,000 cycles
Tensile strength	Min = 350 N/cm
Melting Point	250°C
Electrical Conductivity	None

Resistance Properties

Colourfastness to washing (ISO 150 sec/C03)	Good
UV Resistance	Moderate, not designed for continued UV exposure
Humidity Resistance	Good
Acid Resistance	Moderate
Solvents	Moderate

* Internal norm of VESA

The information in this Technical Sheet is based on reliable tests and trials. Given the diversity of the use of our products we advise our customers to ensure themselves that the product meets the requirements of their application. The responsibility for the application and use of the product remains with the customer.

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