

VelourTouch® Technical Data Sheet



- Product Description:** Surface material for 2D & 3D applications
- Characteristics:** Ultra matte finish with anti-fingerprint technology
- Application:** For moulding wrapping, flat panel lamination and membrane/vacuum forming processes.
Intended for vertical surfaces.
Designed for indoor use.

Property	Unit	Value	Test Method
Scratch Resistance	Level	≥ average 1.2 N	DIN 68861-4 NEMA LD3-2005 3.7.3
Microscratch Resistance	Level	2%	ISO 4586-1 2018-07:42
Gloss	Units	3 ±2	ISO 2813 Glossmeter (60°)
Chemical Resistance	Level	≥ 1B	EN 12720, chemicals and exposure time according to DIN 68861-1
		Pass	BS 6222-3:2017, Other surfaces (B)
Short Term Stain Resistance (15 min)	Level	Pass	Quaternary Disinfectant (Virex II 256) 5% Sodium Hypochlorite (Bleach) 4.25% Hydrogen Peroxide
Light Fastness, 200h	Grey Scale	≥ 4	EN ISO 4892-2
Light Resistance	Rating	No Effect	NEMA LD3-2005 3.3

Heat Resistance: Average heat resistance is 85°C (185°F) for VelourTouch™ surface materials

Heat Shields: Thermofoil and laminate doors and cabinets can be susceptible to heat from self-cleaning ovens, dishwashers and other such appliances. Heat shields provide a barrier to help insulate from excessive heat or prolonged exposure.

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Detailed results of cleanability and stain resistance testing by 2 different methods:

NEMA LD3-2005 3.4		ANSI/KCMA A 161.1-2012: 9.4 - 9.7	
Substances applied for 16-24 h	Result	Substances applied for 24 h	Result
Distilled Water	No Effect	Ethanol 48%	Pass
Ethyl Alcohol	No Effect	Vinegar	Pass
Acetone	No Effect	Lemon Juice	Pass
10% Citric Acid	No Effect	Orange Juice	Pass
Vegetable Oil	No Effect	Grape Juice	Pass
Fresh Coffee	No Effect	Coffee	Pass
Fresh Tea	No Effect	Olive Oil	Pass
Tomato Ketchup	No Effect	Ketchup	Pass**
Yellow Mustard	Moderate*	Dish Cleaner	Pass
Tincture of Iodine	No Effect	Mustard	Pass**
Black Permanent Marker	No Effect		
HB Pencil	No Effect		
Wax Crayon	No Effect		
Black Paste Shoe Polish	No Effect		
Vinegar	No Effect		

*Difficult to perceive stain

**Pass – No discoloration, stains or bleaching after 14-day re-examination

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- Product Description:** Surface material for 2D applications
- Characteristics:** Ultra matte finish with fingerprint resistance
- Application:** For moulding wrapping and flat lamination processes.
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Property	Unit	Value	Test Method
Gloss	Units	3 ±1	DIN 67530 Glossmeter (60°)
Chemical Resistance	Class	1B	DIN 68861-1
Resistance to Abrasion	Class	2A	DIN 68861-2
Resistance to Scratch	Class	4E	DIN 68861-4
	N	≥ 0.8 N	Erichsen 413
Light Fastness, 200h	Blue Wool Scale	≥ 6	DIN EN 15187
Resistance to Dry Heat	Class	7D	DIN 68861-7
Resistance to Wet Heat 55°C	Class	8C	DIN 68861-8

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