

## Overlamine Thermal Roll Film

**Talent™ ScuffMaster™** overlamine film, is the new standard in premium scuff-protection film. Different from every other type of anti-scuff film on the market, **Talent™ ScuffMaster™** utilizes new technology that changes the molecular structure of the film surface, through a chemical reaction, to greatly increase the hardness and durability.

**Talent™ ScuffMaster™** is built on a very stable BOPP film base, and has no “coating” that can scratch off or burnish, like other anti-scuff films. Boasting an extreme hardness level, the film is perfect for a huge range of consumer and high use products that need an ultra-smooth, ultra-protective surface. In addition to durability, **Talent™ ScuffMaster™** is very versatile, allowing the bonding of spot UV coating, glues, and foil stamping with ease.

### KEY BENEFITS

- Tough Scuff, Scratch and Burnish Resistant Finish
- Extreme Surface Hardness
- Reduces Spoilage
- Accepts Spot UV
- Glueable and Stampable



### COMMON APPLICATIONS

- Promotional and Presentation Pieces
- High Use Pocket Folders
- Business Cards
- Soft and Hard Cover Books
- Packaging and Folding Cartons
- Rigid Boxes

Properties	Test Method / Standard	Value	Unit
Thickness	DINEN ISO 534	27	µm
Substance/Grammage	ISO 536	23,18	g/m <sup>2</sup>
Yield	DIN 53375	46,08	m <sup>2</sup> /kg
Tensil Strength at Break MD	ASTM D882	58,4	N/mm <sup>2</sup>
Tensil Strength at Break TD	ASTM D882	123,7	N/mm <sup>2</sup>
Elongation at Break MD	ASTM D882	186	%
Elongation at Break TD	ASTM D882	98	%
Gloss Angle of Incidence / Observation 60°/60°	ASTM D2457	5-6	GE
Haze	ASTM D1003	91,6	%
Surface Tension	DIN 55660-2	46	mN/m

MD = Main Direction    TD = Transverse Direction    DIN = Deutsche Industrie Norm (German Industry Norm)  
 GE = Gloss Units    DIN EN ISO = German, European & International Standard    ASTM = American Test Method

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