

filmolux® scratch

Technical Data Sheet



Carrier			
Film Type	Polyester, transparent, scratch resistant		
Thickness [µm]	115 ± 10	Approx. 4.0 mil	
Weight [g/m ²]	106 ± 10	Approx. 3.1 oz/yd ²	
Breaking Force [N/15mm]	Lengthwise:> 100	Crosswise:> 140	DIN 53455, 50mm/min.
Elongation at Tear [%]	Lengthwise:> 80	Crosswise:> 60	DIN 53455, 50mm/min.
Tear Resistance [N/mm ²]	Lengthwise:> 55	Crosswise:> 80	DIN 53455, 50mm/min.
Adhesive			
Adhesive Type	Polyacrylate dispersion		
PH-value	Approx. 7.0		
Weight [g/m ²]	40 ± 4		
Adhesive Strength	10min:> 8.8	24h:> 10.8	AFERA 4001
Backing			
Type	One-sided siliconized, white glassine paper		
Thickness [µm]	54 ± 6	Approx. 2.0 mil	
Weight [g/m ²]	65 ± 5	Approx. 1.9 oz/yd ²	
Removal Force [mN/cm]	12 to 45	Speed 300 mm/min.	
Other			
Handling/Storage Conditions	60° to 80°F / 18° to 25°C; 45 to 60% relative humidity		
Shelf Life	1 year		

Advantages / Special Features

- One sided self adhesive, sand structured and transparent
- Scratch resistant, extremely durable
- Washable and resistant to a large number of detergents and solvents
- High dimensional stability

Process & Handling

- When laminating inkjet prints sufficient drying of the prints has to be ensured, we recommend 12 hours minimum
- When rolling graphic always roll graphic face out
- All printer/ink types require testing prior to use
- Finish is dependent on the condition and type of roller laminators
- Any dirt or debris will adversely effect the finish

Areas of Application

- Ideal for display panel production, such as roll-up, pop-up and banner displays
- Universal indoor applications
- Laminating film for inkjet and digital print medias like paper, polyester and vinyl



Temperatures and thicknesses are given as approximate values. All data are standard values. The information in this specification sheet is based on findings obtained in practice. Because of the high number of factors which can have an effect during handling and application, customer tests will be required. A legally binding guarantee of specific properties is not to be inferred from our specifications. The information given here may be subject to change without notice. Neschen has not prepared MSDSs for these products which are not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the Neschen directions for use, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards. The purchaser should test material to determine if it is suitable for their own specific purpose.