



Microsoft

Series 2500



ARLON

SERIES 5500

PREMIUM CAST TRANSLUCENT FILMS

► Series 5500

DIFFUSER FILM Designed for second surface appl

- internally illuminated signage
- Available in 60% and 30% transmission
- 7-year outdoor durability
- Available in 48" (1,22m) by 10 yards (9,14m) and 50 yards (45,72m) Diseñada para aplicación de segunda superficie



70
Diffuser
Film
60%



30
Diffuser
Film
30%

- señalización iluminada internamente
- Disponible en transmisión de 60% y de 30%
- 7 años de duración en exteriores
- Disponible en 48" (1,22m) por 10 yardas (9,14m) y 50 yardas (45,72m)



Series 5500 Diffuser Film

Series 5500: Non-Perforated

APPLICATIONS & FEATURES

- Designed for second surface applications of internally illuminated signage and displays
- Environmentally friendly alternative to back spraying
- Excellent long term adhesion
- Uniform light control
- 7 year outdoor durability

PERFORMANCE AND PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	25-40 units	
TRANSMISSION VALUES	Spectrophotometer	#30 – 30% #70 – 60%	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	English: 0.0034 in	Metric: 0.09 mm
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s)	4.5 lb/in width	0.8 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F optimum	15°C to 32°C optimum
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-40°F to 200°F	-40°C to 93°C
HUMIDITY RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing; 100% relative humidity at 100°F (38°C) for 500 hours	No appreciable effect	
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.015 in	0.4 mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	≥ 60 oz/in	≥ 0.67 kg/cm
LINER RELEASE	TLMI 300 in/min (760 cm/min)	150 g/2 in	30 g/cm

*Standard Terms and Conditions Apply

Effective 06.09

FOOTNOTE REFERENCE GUIDE

Arlon recommends that the user pre-test the vinyl on the substrate to be used. The surface must be cleaned according to the substrate manufacturer's specifications.

Q 30" (0,76m) and 60" (1,52m) rolls available in select colors only.

D Indicates opaque film, not translucent

s 10 yard (9,14m) rolls available in 24" (0,61m), 30" (0,76m) and 48" (1,22m) width only

GUÍA DE REFERENCIA

Arlon recomienda que el usuario realice una prueba previa del vinilo en el sustrato/objeto a usar. La superficie deberá ser limpiada según instrucciones del fabricante del sustrato/objeto.

Q Rollos de 30" (0,76m) y 60" (1,52m) disponible en ciertos colores solamente.

D Indica una película opaca, no translúcida

s Rollos de 10 yardas (9,14m) disponibles en 24" (0,61m), 30" (0,76m) y 48" (1,22m) ancho solamente

The Arlon Total System Warranty provides a guarantee when using various Arlon products together. Arlon Total System Warranty has you covered!



