



Outdoor Chrome Effect Cast PVC Film

505 Bright Chrome

PRODUCT INFORMATION

Unique automotive quality cast film with metal top layer. This flexible vinyl gives every creative mind the freedom to design as it pleases. This film is highly malleable and sticks to nearly everything. Excellent for cutting on a plotter.

This high grade cast film is resistant against all kinds of weathering, sea water, petrol, mild acids, etc. Perfectly suitable for outdoor applications.

APPLICATION

Any kind of outdoor advertising, fascia boards, luminous signs, lettering, striping, complete surfaces, columns, signs, etc.

SPECIFICATIONS

- *very high quality*
- *real metal top layer*
- *black cast vinyl base film*
- *easy weeding, even small letters*
- *strong, flexible and malleable*
- *for use over rivets and in grooves*
- *very stable and moisture-resistant backing*
- *thickness: 2 mil (50 µ)*
- *estimated durability: up to 7 years*

STANDARD SIZES

- **Roll width:** 4" (61 cm)
- **Roll length:** 50 yd (45,7m)

RECOMMENDED LAMINATE

If required:

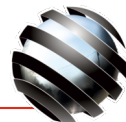
- DPF3200 OpticalClear™
- FleetFlex fluid overlamine; available in glossy, satin and matte

ADDITIONAL INFORMATION

- This cast vinyl is very soft and can be applied onto any shape or form. Keep in mind that the top layer is metal, which has its limitations. Stretching can cause some matte stretch marks.

See reverse for additional information.





Premium Automotive Grade Metallized Outdoor Pressure Sensitive Film

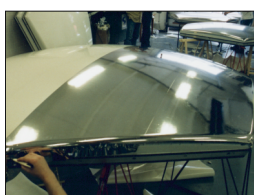
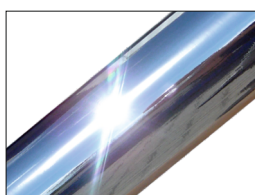
PRODUCT DESCRIPTION

Series 505 Bright Chrome Metallized Outdoor is a 2-mil cast film with high quality metal surface. The film has a medium-tack, permanent pressure-sensitive adhesive. Designed for indoor and outdoor graphics, Series 505 Bright Chrome Metallized Outdoor is made of 100% polymeric face stock with a special lay-flat liner. Series 505 Real Chrome Metallized Outdoor is designed to meet

the marking requirements and specifications of the transportation, vending, and automotive industries. The film provides superior conformability around rivets, curves, and contours. Series 505 Bright Chrome Metallized Outdoor is rated for outdoor durability up to 7 years.

AREAS OF USE

- Outdoor and Indoor signs for the most extreme applications on cars, OP displays, vending machines, and architectural graphics.
- Markings for fleet, containers, farm equipment, and construction equipment.
- Decorations for railway car, bus, boat, and other recreational vehicles.



PERFORMANCE AND PHYSICAL DATA OF THE PVC FILM

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH		real metallized Chrome layer	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	0.0032 in	0.08 mm
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	4.5 lb/in	0.8 kg/cm
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 (flat)	40°F to 100°F optimum	4,4°C to 38°C optimum
	On clean, dry substrate (corrugated with rivets and channels)	60°F to 100°F	15°C to 38°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 175°F	-40°C to 79°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	10 mils	0,25mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	4.0 lbs/in	0.71 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	30 g/2 in	12 g/cm

Standard Terms and Conditions Apply

CONDITIONS OF SALE

The following is made in lieu of all warranties expressed or implied:

All statements, technical information and recommendations published by Arlon, Inc. and SOTT relating to Metallized Outdoor products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and Arlon, Inc./SOTT makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by Arlon, Inc./SOTT shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

