

MATERIAL SPECIFICATIONS



TFX Premium Grade Opaque - A high performance cast PVC film with a special low initial tack adhesive to allow repositioning. Designed for superior quality striping & graphics for the automotive, signage, and commercial industry. Film: 2.0-mil premium cast vinyl, plus a permanent, acrylic, pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: Up to 10 years.



TFX Premium Grade Metallic - A high performance cast PVC film with a special low initial tack adhesive to allow repositioning. Designed for superior quality striping & graphics, for the automotive, signage, and commercial industry. Film: 2.0-mil premium cast vinyl, plus a permanent, acrylic, pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: Up to 5 years.

Ultra Metallic (U/M) - A high performance brilliant metallic cast vinyl film ideal for flat or simple curve applications on automotive, marine, and recreational vehicles. Film: 3.0-mil metalized vinyl plus pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: Up to 5 years.

Black Non-Skid - An anti-slip film in a resilient vinyl. The textured surface provides unusually good anti-slip properties in both wet and dry conditions. Film: 17-mil with acrylic, permanent, pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: Up to 5 years.

Chrome Mirror - This rich luster is manufactured with a polyester base to retain metallic brilliance. Film: 1.0-mil metalized polyester plus a pressure-sensitive adhesive. Liner: 78# white kraft. Exterior Durability: Up to 2 years.

Paint Protection Film - An optically clear film specifically designed to provide superior protection to painted surfaces from the damaging effects of stone chips, road debris, bug stains, and weathering. Film: 8.0-mil aliphatic polyurethane film, plus permanent clear acrylic pressure-sensitive adhesive. Liner: 90# white Stafiat. Exterior Durability: Up to 5 years.

Avery Supreme Wrap - A premium quality, flexible, opaque vinyl film for use as vehicle graphics where a high quality film finish and full color wrapping is required. Conformability: Flat, flat with rivets, corrugations, compound curves, and deep recesses. Printability: Not recommended. Film: 3.2-mil cast PVC with a long term removable acrylic adhesive. Liner: 90# Stafiat with EZ-RS technology. Exterior Durability: Up to 12 years vertical exposure / Up to 3 years horizontal exposure. (See zone chart information in Avery Dennison Instruction Bulletin 1.3.)

Reflective - A retroreflective engineering grade film which meets or exceeds the applicable requirements for Federal Standards. Designed for high visibility and weatherability (wet application not recommended). Film: 5.5-mil retroreflective vinyl, plus pressure-sensitive adhesive. Liner: 90# white Stafiat. Exterior Durability: Up to 7 years.

- Exterior durability is based on proper application, vertical exposure and moderate climate (except Avery Supreme Wrap).
- Any horizontal application, such as on a vehicle hood or roof, is considered non-warrantable (except Avery Supreme Wrap).
- Complete product specification sheets are available upon request.

SUPPLIES



TFX® Cleaner - Specially formulated for cleaning surfaces and removing residue in preparation for vinyl graphics applications. (A) 1 Gallon refill P/N 905 / 4-Pack 20 oz. bottles, 1 spray head P/N 904 (B) 20 oz. TFX cleaner w/spray head P/N 900 (Spray head for 20 oz. bottle P/N 906 and 20 oz. refill bottle P/N 921 available separately.)

Position Perfect™- Original formula. A decal application fluid. (C) 1 Gallon Refill P/N 928 (D) 20oz. bottle w/spray head P/N 926 **Position Perfect™**- Eco-Friendly formula. A decal application fluid. 1 Gallon Refill P/N 929. 20oz. bottle w/spray head P/N 927.

Adheze Off- An adhesive remover that eliminates residues from decals, tapes, labels, window tinting film, glues, tar, grease, oil, tree sap, bugs and wax. Also removes sealants, surface discoloration, scuff marks, marker and pen ink, crayon, lipstick, and much more. 1 Gallon Refill P/N 952 (E) 32 oz. bottle w/ spray head P/N 943

(F) 36" Magnetic Ruler P/N 942 For measuring graphic application placement on metal surfaces. Great for fleet applications, vehicle wraps, & more.

(G) Knife & Pick Holder P/N 960 For weeding and cutting purposes, this all aluminum holder will hold picks up to 1/16" size as well as most standard blades. 2 blades & 3 picks included.

(H) Interchangeable Blades made to fit standard blade holders (100-pack) P/N 915.

(I) Interchangeable picks made to fit standard blade holders (12-pack) P/N 958.

(J) Stainless Steel Cutter P/N 909 A multi-purpose cutter combining quality and durability. 10-pack Blades P/N 910 Stainless steel cutter blade refills (120 snap-off blades per box) 50-pack Blades P/N 911 (600 snap-off blades per box)

(K) Lil' Chisler P/N 944 Small, high-impact plastic chisel for removing vinyl.

(L) Application Squeegee P/N 907 A 3" x 4" double bladed squeegee for applying vinyl.

(M) Felt Squeegee P/N 945 A 3" x 4" felt squeegee for no scratches when applying vinyl.

(N) Rivet Brush P/N 916 A handy sign makers tool for use when applying over rivets and other protrusions.



Universal Products, Inc. 521 Industrial St. Goddard, KS 67052

Distributed by:



Authorized Distributor



1/23/15M

universal[®]
PRODUCTS

Striping Systems
COLOR CHART



WWW.U-PCON

Professional Striping Systems

| | |
|--|-------------------------|
| | 065 WHITE |
| | 064 SILVER MET. |
| | 014 U/M SILVER |
| | 060 PEWTER MET. |
| | 135 LT. ASH GRAY |
| | 875 GUN METAL GRAY MET. |
| | 101 MARINE GRAY |
| | 062 CHARCOAL MET |
| | 138 MED. MARINE GRAY |
| | 063 DK. CHARCOAL MET. |
| | 112 MAGNESIUM MET. |
| | 055 BLACK MET. |
| | 011 U/M BLACK |
| | 016 MATTE BLACK |
| | 061 BLACK |
| | 073 DK. YELLOW |
| | 076 ORANGE |
| | 077 RED |
| | 015 CARDINAL RED |
| | 078 DK. RED |
| | 141 RED MET. |
| | 089 BURGUNDY |

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|--|------------------------|
| | 938 BEIGE |
| | 066 SANDSTONE |
| | 069 BRIGHT GOLD MET. |
| | 099 GOLD MET. |
| | 019 U/M GOLD |
| | 877 FAWN MET. |
| | 098 AUTUMN GOLD MET. |
| | 071 COCOA |
| | 030 CANYON MET. |
| | 844 DESERT MICA MET. |
| | 831 CHAMPAGNE MET. |
| | 058 PEACOCK BLUE |
| | 057 OLYMPIC BLUE |
| | 092 MET. BLUE |
| | 082 BLUE |
| | 059 ELECTRIC BLUE MET. |
| | 090 DK. BLUE |
| | 006 AQUA |
| | 002 VIBRANT GREEN |
| | 097 FOREST GREEN |
| | 990 BLACK NON-SKID |
| | 046 CHROME MIRROR |
| | 641 UNIGARD |



DENOTES SPECIALTY MATERIAL

STRIPING CONFIGURATIONS

3/16" P/N 0003



4/16" P/N 0004



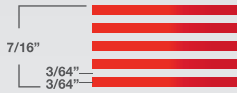
5/16" P/N 0005



8/16" P/N 0008



LINEAR 5 P/N 0094

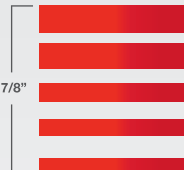


7/16"

3/64"

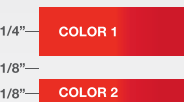
3/64"

MIRAGE 78 P/N 0014



7/8"

1/2" 2-COLOR P/N 0208



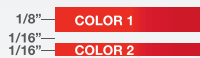
1/4"

COLOR 1

1/8"

COLOR 2

DUO-TONE P/N 0204



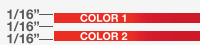
1/8"

COLOR 1

1/16"

COLOR 2

ULTRALITE P/N 0216



1/16"

COLOR 1

1/16"

COLOR 2

ALSO AVAILABLE: AVERY SUPREME WRAP

Premium cast vinyl film for hood stripes and car wraps with a paint-like finish.
Available in:

- 351 WHITE
- 353 BLACK
- 399 SATIN BLACK
- 375 MATTE BLACK
- 381 SILVER MET.

REFLECTIVE

Highly reflective and weather resistant vinyl for traffic signs, automobiles, and more.
Available in:

- 171 WHITE REFLECTIVE
- 172 YELLOW REFLECTIVE
- 173 RED REFLECTIVE
- 176 BLUE REFLECTIVE
- 177 BLACK REFLECTIVE



Striping Information