

DUNMORE
DUN-TRAN™ & DUN-AURA™
The Gold Standard of Transfer Films

Work with the
Gold Standard
of the
Fashion Industry



DUN-TRAN™ and DUN-AURA™
Transfer Films for Simulated and
Genuine Leather



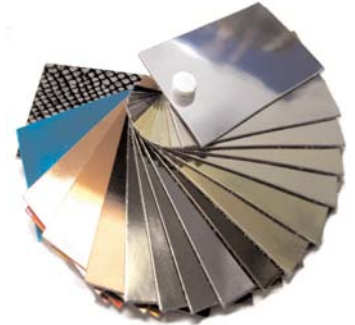
Engineered Coated & Laminated Films

DUNMORE™ Films Help You Stay Fashion Forward



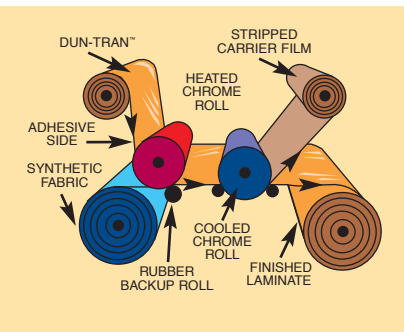
Put your best look forward with DUNMORE™ metallic transfer films for simulated and genuine leather goods. No matter what substrate you're finishing—simulated leather, genuine leather, or fabric—DUNMORE™ brings a lot to the party:

- Experience with top-tier fashions brands
- Scrupulous attention to detail
- Color consistency, including custom color matching
- World-class quality control systems
- International processing and service capabilities
- Flexible stock programs



DUN-TRAN™ and DUN-AURA™ Multi-Layered Transfer Films

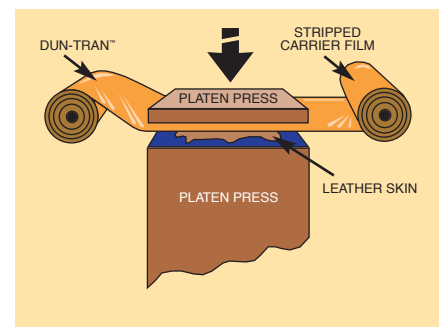
Use these films to turn leathers and fabrics into gold, silver, bronze, pewter, and virtually every other metallic color in the spectrum. Beyond their beauty, DUN-TRAN™ and DUN-AURA™ films feature “wet-rub” abrasion-resistant coatings to withstand the rigors of fabrication in shoes, handbags, wallets, belts, apparel, and other accessories.



Typical nip roll lamination—simulated leather

- DUN-TRAN™ films finish vinyl- and urethane-coated fabrics and genuine leather. Supplied on thin, 100 gauge (25 micron) carrier film, DUN-TRAN™ films enable economical roll-to-roll nip and roll-to-roll press transfer lamination, and deep embossing.
- DUN-AURA™ films finish genuine leathers almost exclusively. Supplied on 100 and 200 gauge (25 and 50 micron) carrier films, DUN-AURA™ films facilitate machine and manual handling on both roll-fed and platen presses, and eliminate the need for post-lacquering.
- DUN-AURA™ 100 gauge films are intended for superior yields with wrinkle- and tear-free results in roll laminations and roll-fed presses.

- DUN-AURA™ 200 gauge films are designed for metallizing sheets of leather in platen press lamination. They are embossable, preserve suppleness, and offer exceptional wet and dry abrasion without sacrificing gloss and flexibility.



Typical platen press lamination—genuine leather

Manufacturing Specifications for DUN-TRAN™ and DUN-AURA™

| | Transfer Films for Simulated Leather | | | | | | Transfer Films for Genuine Leather | | | |
|-------------------------------|---|--------------------------------------|--|--|---------------------------------------|--------------------------------------|--|--|--|--|
| Standard Color Availability | Silver 548 & 575 Gold 566 & 568 Bronze 580 & 583 Pewter | Zephyr Spirit Sahara Apache | Pastel Pink Pastel Blue Pastel Green Satin Platinum | Silver 548 Gold 568 Bronze 580 Pewter | Velvet Athena Tobacco Medina | Zephyr Sahara Spirit Apache | Topaz Luna Champagne Chianti | | | |
| Standard Width | 56" (142 cm) | | | | | | 56" (142 cm), 48" (122 cm) and 42" (107 cm) | | | |
| Nominal Roll Weight | 110 lbs (50 kg) | | | | | | 110 lbs (50 kg), 97 lbs (44 kg) and 85 lbs (39 kg) | | | |
| Standard Roll Put-Ups | 1000 yds (914 m) on 3" (7.6 cm) core | | | | | | 1000 yds (914 m) on 3" (7.6 cm) core | | | |
| Recommended Bonding Technique | <ol style="list-style-type: none"> 1. A suitable primer designed to facilitate bonding may be necessary. 2. Laminate DUN-TRAN™ and DUN-AURA™ films to the base material in a nip-roll laminator heated to 240°F – 270°F (115°C – 132°C). Pressures required range from 50 – 500 psi dependent upon substrate. 3. Dwell time 0.3 to 3 seconds using minimal tension. 4. Remove the carrier film. 5. Simulated leather base is left with "Full" transfer of metallic finish. | | | | | | <ol style="list-style-type: none"> 1. It is recommended that the leather first be primed with an acrylic latex base material. Dry the primer to a clear film and residual tack. 2. Place DUN-TRAN™ and DUN-AURA™ films on the leather (transfer side against primed surface). Bond at 210°F – 270°F (99°C – 132°C) in a platen press for 5 to 7 seconds. Pressures required range from 50 – 60 Kg/cm sq. 3. Strip carrier film from the leather immediately upon removal from the platen press. 4. Genuine leather base is left with "Full" transfer of metallic finish. | | | |

Customized products, such as special colors and different roll configurations are possible, but will affect minimum order requirements and lead-time. Customers are responsible for determining suitability of DUNMORE™ products within their specific processes and end-use applications.

| | Simulated Leather | | | | | | | | Genuine Leather | | | | | | | |
|-------------------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Silver | Bronze | Gold | Pewter | Zephyr | Sahara | Spirit | Apache | Silver | Bronze | Gold | Pewter | Zephyr | Sahara | Spirit | Apache |
| Recommended for use on | | | | | | | | | | | | | | | | |
| Leather | | | | | | | | | | | | | | | | |
| Urethane-Coated Fabric | | | | | | | | | | | | | | | | |
| Vinyl-Coated Fabric | | | | | | | | | | | | | | | | |
| Typical Process | | | | | | | | | | | | | | | | |
| Nip Roll Laminator | | | | | | | | | | | | | | | | |
| Platen Press | | | | | | | | | | | | | | | | |
| Minimum Activation Temp | 240°F/ 115°C | 240°F/ 115°C | 240°F/ 115°C | 240°F/ 115°C | 240°F/ 115°C | 240°F/ 115°C | 240°F/ 115°C | 240°F/ 115°C | 210°F/ 99°C | 210°F/ 99°C | 210°F/ 99°C | 210°F/ 99°C | 210°F/ 99°C | 210°F/ 99°C | 210°F/ 99°C | 210°F/ 99°C |
| Heat Resistance | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C | 270°F/ 132°C |
| Dry Abrasion Resistance | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Wet Rub Abrasion | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Adhesion | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Gloss After Transfer | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Flexibility | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Accept Polyurethane Topcoat | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

1 = Excellent; 2 = Good

The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty, either expressed or implied, is made or intended.

Depend on the DUNMORE™ Gold Standard of Service

In addition to high-quality, high-performance DUN-TRAN™ and DUN-AURA™ transfer films, DUNMORE also delivers excellent customer service:

- Managed inventory programs that enable rapid delivery
- Continual technical product support
- On-site service calls
- Worldwide customer service support

Find Out More About DUN-TRAN™ and DUN-AURA™ Transfer Films

Visit www.dunmore.com or call 800-444-0242 and ask about DUN-TRAN™ and DUN-AURA™, *The Gold Standard of Transfer Films.*

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