



REFLECTIVE SAFETY SOLUTIONS



DAOMING OPTICS & CHEMICAL CO.,LTD

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**DAOMING
OPTICS & CHEMICAL CO.,LTD**



Daoming Optics and Chemical Co.,Ltd (DM) is the first and only public listed Reflective Material Company which locates in Zhejiang Province of China. DM is one of the leading professional manufacturers and exporters of reflective materials and personal safety products worldwide. We offer a wide range of high quality reflective material products and excellent customer service.

DM wide range of products from reflective materials to high visibility safety apparels etc., are widely used in public safety and various projects to maintain safety worldwide.

DM products meet and exceed the specification of international standards of ASTM D4956, EN12899, AS/NZS1906.1, KS A 3507, ISO7591, ECE R104, FMVSS 108, DIN67510, JIS Z9107, SOLAS etc.

DM maintains the integrity of the quality control system of ISO9001. DM takes the extensive research and development strength and management practices to improve and enhance our products continuously. We are committed to maintain this composure to be a competitive manufacturer in the domestic and global markets.

DEVELOPMENT HISTORY

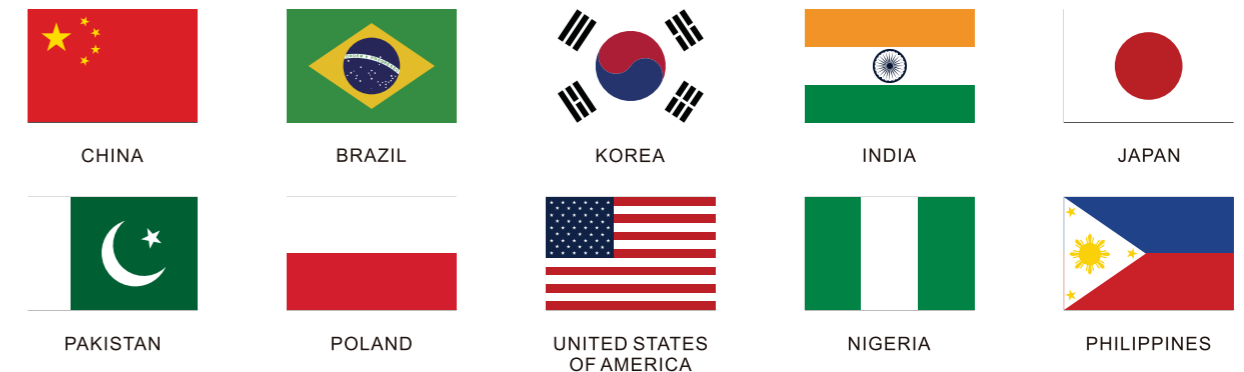
- In 2002: DM was founded and started production of reflective fabric.
- In 2004: Set up the new production lines of reflective sheeting in the second factory .
- In 2007: Acquired the IPO right, evaluated and approved as High-tech Enterprise of China.
- In 2009: Third factory was constructed and started production of glass beads, release paper etc.
- In 2011: Became the first public-listed company in the reflective fields in China.
- In 2013: New factory started production. "Zhejiang Daoming Optics & Chemical CO., LTD" was changed into Daoming Optics & Chemical CO., LTD.
- In 2015: The new headquarters for high level prismatic sheets was completed.
- In 2016: DM joint venture company in Brazil was founded.
- In 2017: DM subsidiary corporation in India was founded.
DM subsidiary corporation in Korea was founded.



Daoming products were approved by:

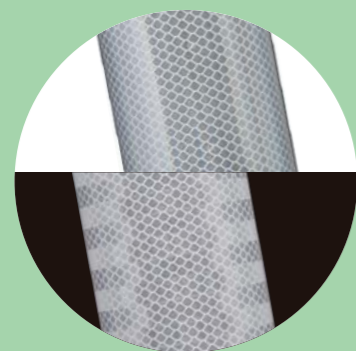


Daoming Subsidiary Corporations / Joint Ventures are distributed in:

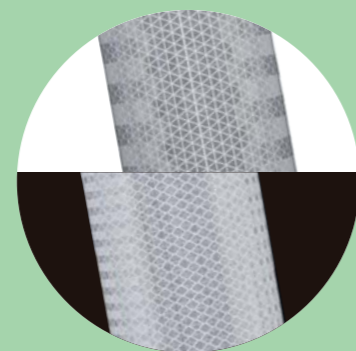




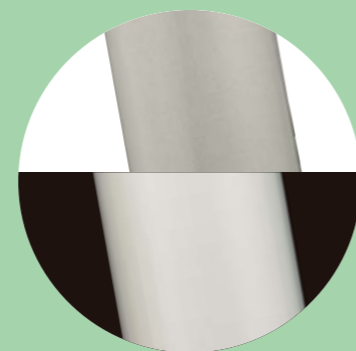
PERMANENT TRAFFIC SIGN
REFLECTIVE SHEETING SERIES



DM7900/DM7600



DM6500/DM5600



DM7200/DM1700

Platinum Grade DM7900 Series

Structure: PMMA with micro prismatic structure

Durability: 10 years

Available Size: 1.22m×45.7m/roll, 0.61m×45.7m/roll

Processing: screen printing, die cutting, digital printing etc.

Application: highway traffic signs, permanent traffic signs, crossing signs etc.

Standard: ASTM D4956 Type XI, ETA, AS/NZS1906.1:2017 Class 1100, KS A3507 Type 11



White	Yellow	Orange	Red	Green	Blue	Brown	Fluo-Yellow Green	Fluo-Orange
DM7901	DM7902	DM7903	DM7904	DM7905	DM7906	DM7907	DM7910	DM7920

High Intensity Prismatic (HIP) Grade DM7600 Series

Structure: PMMA with micro prismatic structure

Durability: 10 years

Available Size: 1.22m×45.7m/roll, 0.61m×45.7m/roll

Processing: screen printing, die cutting, digital printing etc.

Application: highway traffic signs, permanent traffic signs, crossing signs etc.

Standard: ASTM D4956 Type IV, ETA, AS/NZS1906.1:2017 Class 400, KS A3507 Type 4



White	Yellow	Orange	Red	Green	Blue	Brown	Fluo-Yellow Green	Fluo-Orange
DM7601	DM7602	DM7603	DM7604	DM7605	DM7606	DM7607	DM7610	DM7620



High Intensity Prismatic (HIP) Grade DM6500 Series

Structure: PMMA with micro prismatic structure
 Durability: 10 years
 Available Size: 1.22m×45.7m/roll, 0.61m×45.7m/roll
 Processing: screen printing, die cutting, digital printing etc.
 Application: highway traffic signs, permanent traffic signs, crossing signs etc.
 Standard: ASTM D4956 Type III, AS/NZS1906.1:2017 Class 300, KSA 3507 Type 3



White	Yellow	Orange	Red	Green	Blue	Brown
DM6501	DM6502	DM6503	DM6504	DM6505	DM6506	DM6507

Engineering Grade Prismatic (EGP) DM5600 Series

Structure: PMMA with micro prismatic structure
 Durability: 7 years
 Available Size: 1.22m×45.7m/roll, 0.61m×45.7m/roll
 Processing: screen printing, die cutting, digital printing etc.
 Application: permanent traffic signs, crossing signs, street signs etc.
 Standard: ASTM D4956 Type I, AS/NZS1906.1:2017 Class 100, KSA 3507 Type 1



White	Yellow	Orange	Red	Green	Blue	Brown
DM5601	DM5602	DM5603	DM5604	DM5605	DM5606	DM5607



Engineering Grade DM7200 Series

Structure: Acrylic with glass bead coated structure
 Durability: 7 years
 Available Size: 1.24m×45.7m/roll, 0.62m×45.7m/roll
 Processing: screen printing, die cutting etc.
 Application: permanent traffic signs, crossing signs, street signs etc.
 Standard: ASTM D4956 Type I, EN12899 Class RA 1, AS/NZS1906.1:2017 Class 100, KSA 3507 Type 1



White	Yellow	Orange	Red	Green	Blue	Brown	Black
DM7201	DM7202	DM7203	DM7204	DM7205	DM7206	DM7207	DM7208

ElectroCut Film DM1700 Series

Surface Film: PMMA
 Durability: 10 years
 Available Size: 1.24m×45.7m/roll
 Application: overlay film on kinds of permanent signs



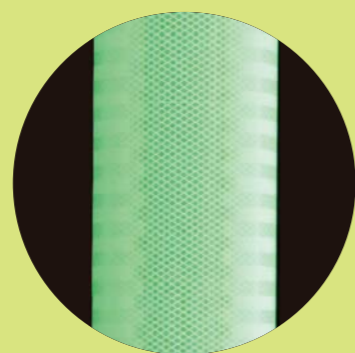
White	Yellow	Red	Green	Blue
DM1701	DM1702	DM1704	DM1705	DM1706



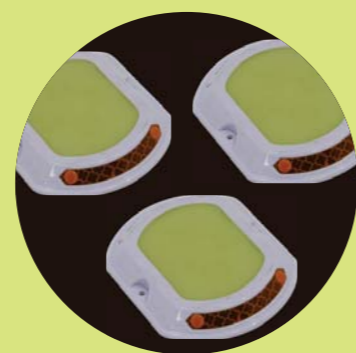
INNOVATIVE APPLICATION
REFLECTIVE SHEETING SERIES



DM7660/DM5660



DM7690



DMLM90

HIP Aluminum-Based Grade DM7660 Series

Structure: PMMA with micro prismatic structure

Durability: 10 years

Available Size: 1.22m×45.7m/roll

Application: highways, elevated road, bridge, tunnel, electricity facilities etc.

Standard: ASTM D4956 Type IV, ETA, AS/NZS1906.1:2017 Class 400, KS A 3507 Type 4



Yellow/Black

White/Red



DM7661



DM7662

EGP Aluminum-Based Grade DM5660 Series

Structure: PMMA with micro prismatic structure

Durability: 7 years

Available Size: 1.22m×45.7m/roll

Application: highways, elevated road, bridge, tunnel, electricity facilities etc.

Standard: ASTM D4956 Type I, AS/NZS1906.1:2017 Class 100, KS A 3507 Type 1.



Yellow/Black

White/Red



DM5661



DM5662



Reflective Luminous Film DM7690 Series

Structure: PMMA with micro prismatic & luminous powder

Durability: 10 years

Available Size: 1.22m×30m/roll

Application: permanent traffic signs,
crossing signs, electricity facilities etc.

Standard: Retro-reflection:ASTM D4956 Type IV, ETA,
AS/NZS1906.1:2017 Class 400

Afterglow:DIN67510 Class C



Yellow- Green



DM7690

Road Stud DMLM90 Series

Substrate Material: ABS

Subsidiary Material: micro prismatic aluminized tape

Available Size: 10cm×12cm, 10cm×13cm,10cm×10cm,10cm×8cm

Load Bearing Strength: 15 tons per tyre

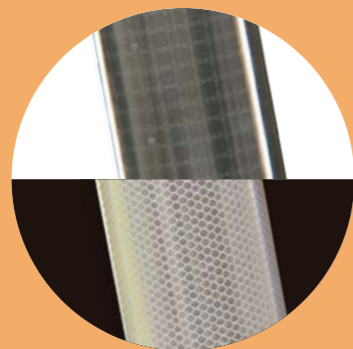
Application: fire engine access,bridge,tunnel,park road,
sidewalk etc.

Standard: ECE104 for retro-reflection,
DIN67510 Class C for afterglow.

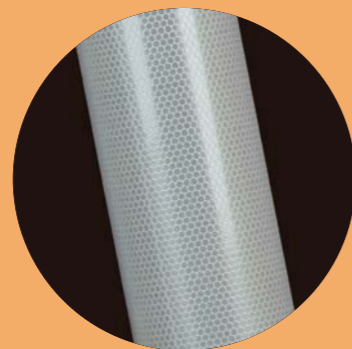




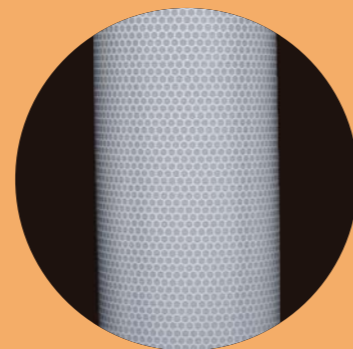
TEMPORARY WORK ZONE SIGN REFLECTIVE SHEETING SERIES



DM3910/DM3810



DM3610



DM1400

PVC Aluminized-Prismatic DM3910 Series

Structure: PVC with aluminized prismatic structure

Durability: 5 years

Available Size: 1.22m×45.7m/roll, customized sizes

Application: high grade traffic cone, delineators,
road safety barrel etc.

Standard: ASTM D4956 Type V



Silver



DM3910

PVC Flexible Prismatic DM3810 Series

Structure: PVC with micro prismatic structure

Durability: 5 years

Available Size: 1.22m×45.7m/roll, customized sizes

Application: high grade traffic cone, delineators,
road safety barrel, temporary signs etc.



White



DM3811

Yellow



DM3812

Fluo-Yellow Green



DM3813



PVC Prismatic Banner DM3610 Series

Structure: PVC with micro prismatic structure

Durability: 3 years

Available size: 1.22m×45.7m/roll

Application: traffic cone, advertising banner, temporary signs, conspicuity marking tape etc.



White	Yellow	Orange	Red	Green	Blue	Brown	Fluo-Yellow Green	Fluo-Orange
DM3611	DM3612	DM3613	DM3614	DM3615	DM3616	DM3617	DM3618	DM3619

Flexible High Intensity Grade DM1400 Series

Structure: Encapsulated honeycomb

Durability: 7 years

Available Size: 1.24m×45.7m/roll

Application: traffic cone, delineators, other plastic equipment etc.

Standard: ASTM D4956 Type III



White	Yellow
DM1401	DM1402



VEHICLE - RELATED REFLECTIVE SHEETING SERIES



DM9600/DM9300



DMCT1700



DM8300A

ECE104 Conspicuity Marking Tape DM9600 Series

Structure: PMMA single layer, no need edge sealing

Durability: 7 years for rigid type, 3 years for curtain type

Available Size: 50mm x 50m / roll

Application: trucks, trailers, other heavy and long vehicles etc.

Standard: ECE104, AIS090, DENATRAN



DOT-C2 Conspicuity Marking Tape DM9300 Series

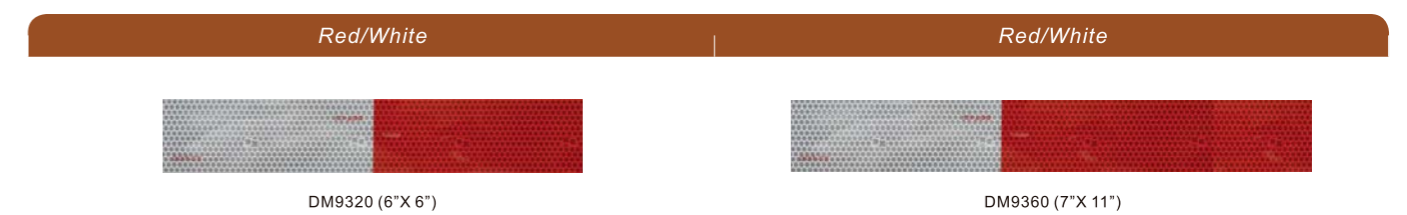
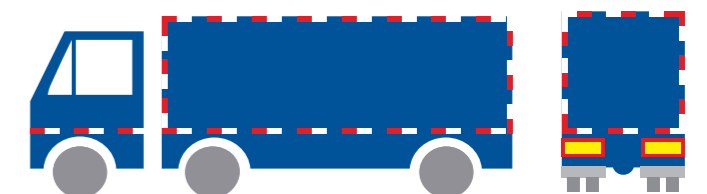
Structure: PMMA single layer, no need edge sealing

Durability: 7 years

Available Size: 50mm x 45.7m / roll

Application: trucks, trailers, other heavy and long vehicles etc.

Standard: FMVSS 108





Conspicuity Marking Tape DMCT1700 Series

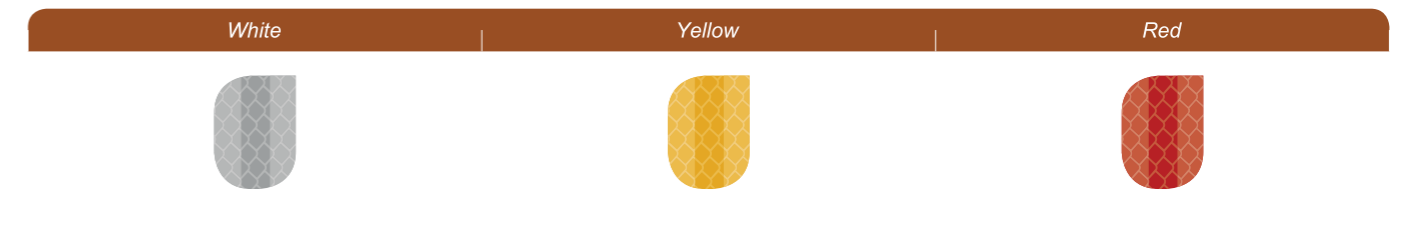
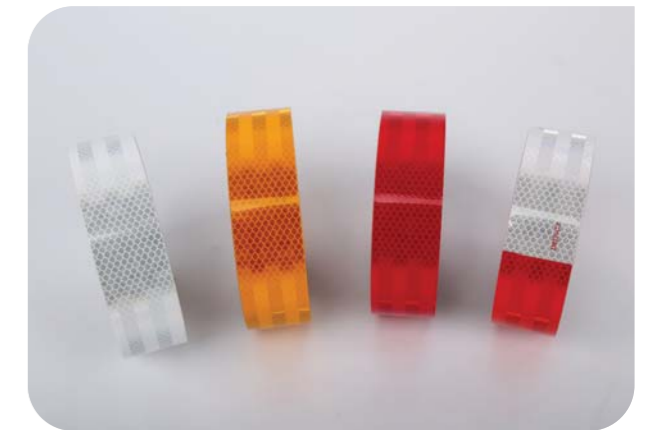
Structure: PMMA with micro prismatic structure

Durability: 7 years

Available Size: 50mm x 45.7m / roll, 50mm x 50m / roll

Application: trucks, trailers, other heavy and long vehicles etc.

Standard: ECE104, FMVSS 108



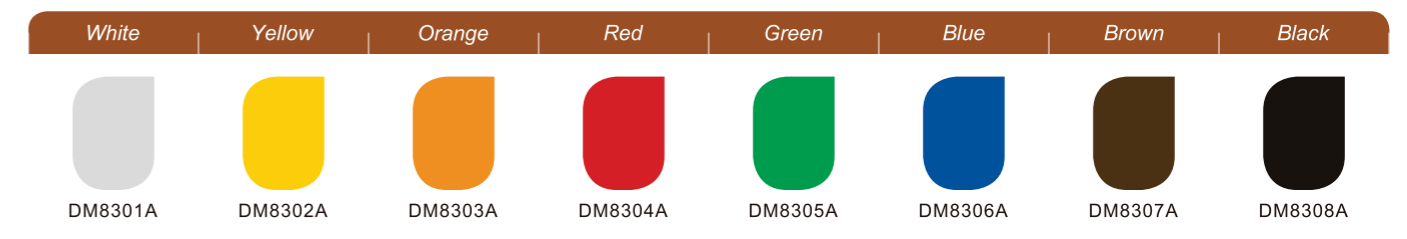
Reflective Vehicle Graphic Film DM8300A Series

Features: flexible, solvent printable,
removable adhesive,
air release channel liner

Durability: 5 years

Available Size: 1.24m x 45.7m / roll

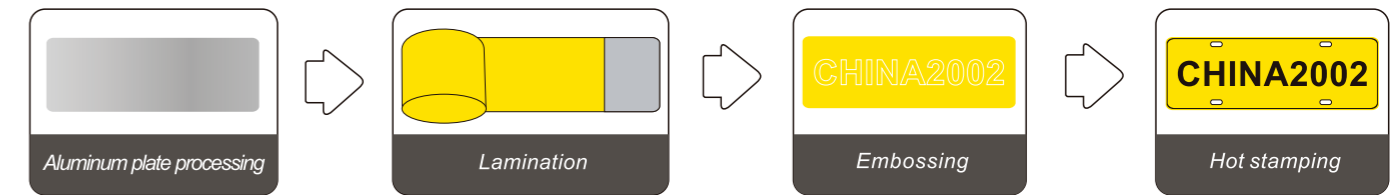
Application: vehicle wrapping





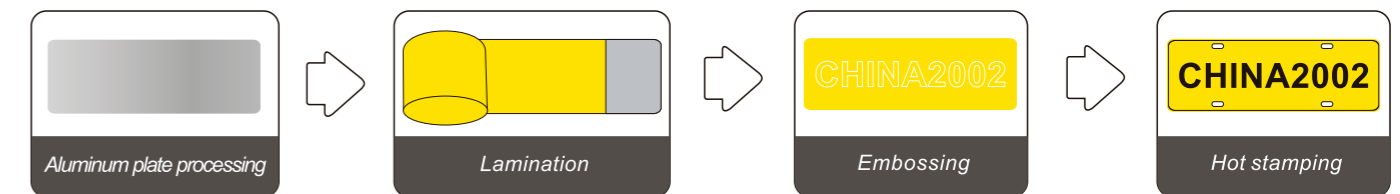
Car License Plate Grade DM8200 Series

Item: DM8200 Embossing Type
 Surface Film: Acrylic
 Durability: 5 years
 Embossing Depth: 1.5mm
 Available Size: 1.24x45.7m/roll, customized sizes
 Processing: screen printing & embossing & hot stamping
 Special Features: multi-color graphics, water mark, laser mark
 Standard: ASTM E810, ISO7591



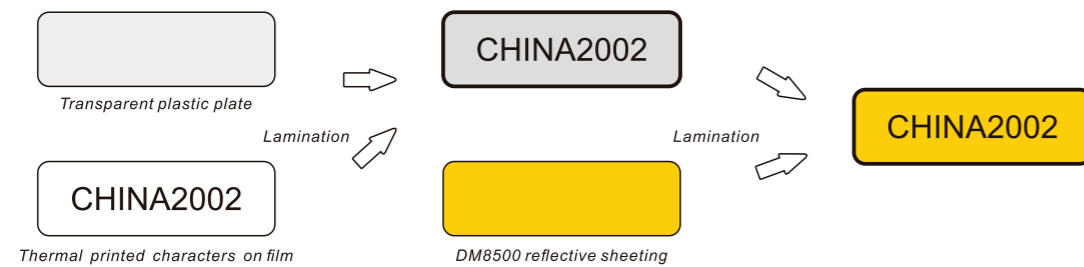
Car License Plate Grade DM8300 Series

Item: DM8300 Embossing Type
 Surface Film: PVC
 Durability: 5 years
 Embossing Depth: 1.8mm
 Available Size: 1.24x45.7m/roll, customized sizes
 Processing: solvent printing & embossing & hot stamping
 Special Features: multi-color graphics, water mark, laser mark
 Standard: ASTM E810, ISO7591



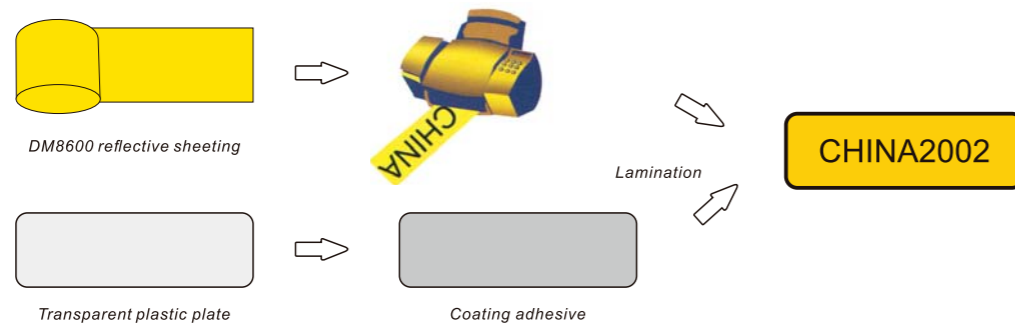
Car License Plate Grade DM8500 Series

Item: DM8500 Laminating Type
 Surface Film: Acrylic
 Adhesive: PSA coated on top of surface film
 Durability: 5 years
 Available Size: 1.24x45.7m/roll, customized sizes
 Processing: laminating on the transparent plastic plate
 Special Features: multi-color graphics, water mark, laser mark



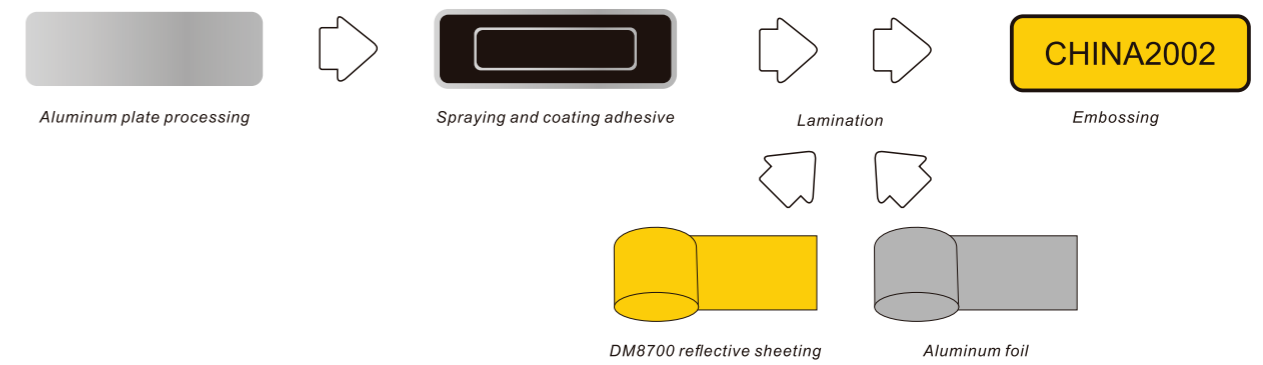
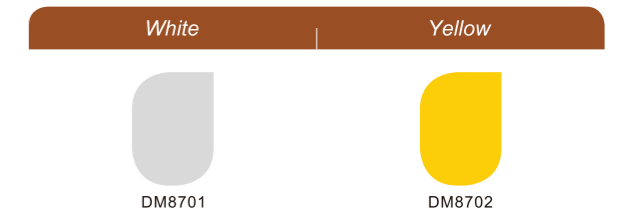
Car License Plate Grade DM8600 Series

Item: DM8600 Laminating Type
 Surface Film: Frosted Acrylic
 Adhesive: without adhesive on both sides
 Durability: 5 years
 Available Size: 1.24x45.7m/roll, customized sizes
 Processing: laminating on the transparent plastic plate
 Special Features: multi-color graphics, water mark, laser mark



Car License Plate Grade DM8700 Series

Item: DM8700 Embossing Type
 Surface Film: Acrylic
 Adhesive: special adhesive
 Durability: 5 years
 Available Size: 1.24x45.7m/roll, customized sizes
 Processing: embossing together with aluminum foil
 Special Features: multi-color graphics, water mark, laser mark



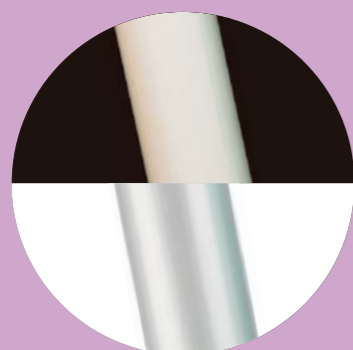
Hot Stamping Foil DM8000K Series

Item: DM8000K
 Top Layer: Acrylic
 Durability: 5 years
 Temperature of Hot Stamping: 180~220°C
 Available Size: max width 64cm, length 305m
 Processing: hot stamping
 Special Features: different logo in the black foil, matched hot stamping machine





COMMERCIAL GRADE REFLECTIVE SHEETING SERIES



DMP3000/DM3100



DM3200



DMBX3000

Solvent Printing Grade DMP3000 Series

Surface Film: PVC

Durability: 3 years

Available Size: 1.24x45.7m/roll, 0.62x45.7m/roll

Processing: digital printing, solvent-based ink available

Application: advertising banner, poster, vehicle graphics, temporary traffic sign etc.



White	Yellow	Orange	Red	Green	Blue
DMP3001	DMP3002	DMP3003	DMP3004	DMP3005	DMP3006

Commercial Grade DM3100 Series

Surface Film: PET

Durability: 3 years

Available Size: 1.24x45.7m/roll, 0.62x45.7m/roll

Processing: die cutting, lettering, non-printable

Application: temporary traffic sign, advertising signage, work zone signage etc.



White	Yellow	Orange	Red	Green	Blue	Brown	Black
DM3101	DM3102	DM3103	DM3104	DM3105	DM3106	DM3107	DM3108



Commercial Grade DM3200 Series

Surface Film: Acrylic

Durability: 3 years

Available Size: 1.24x45.7m/roll, 0.62x45.7m/roll

Processing: screen printing, lettering

Application: temporary traffic sign, advertising signage, work zone signage etc.



White	Yellow	Orange	Red	Green	Blue	Brown	Black
DM3201	DM3202	DM3203	DM3204	DM3205	DM3206	DM3207	DM3208
Lemon Yellow	Gold	Light Green	Parrot Green	Magenta	Purple	Light Blue	Blue Green
DM3209	DM3210	DM3211	DM3212	DM3213	DM3214	DM3215	DM3216

Stripe Warning Tape DMBX3000 Series

Surface Film: PET or Acrylic

Durability: 3 years

Available Size: 1.24x45.7m/roll, 5cmx45.7m/roll

Vertical Spacing: 3.5cmx3.5cm, 5cmx5cm, 10cmx8.5cm, 10cmx10cm

Application: warning sign, subway station, underground garage etc.



Red/White	Yellow/Black	Orange/Black	Blue/White	Orange/White
DMBX3001	DMBX3002	DMBX3003	DMBX3004	DMBX3005



EMERGENCY RESCUE-RELATED REFLECTIVE SHEETING SERIES

SOLAS Tape DM1101 Series

Surface Film: PU
 Durability: 5 years
 Available Size: 5cmx45.7m/roll, 5cmx50m/roll
 Application: lifeboat, life jackets, immersion suit, lifebuoy etc.
 Standard:
 - International Maritime Organization (IMO) Resolution A.658(16) Annex II
 - Approved by U.S. Coast Guard to meet 46 CFR part 164, Subpart 164.018 for Type I and II retroreflective material

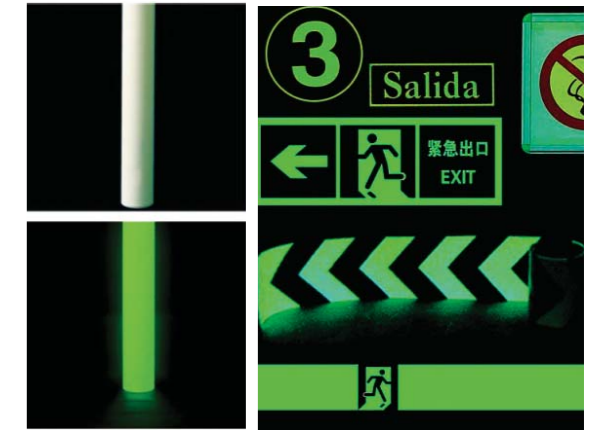
DM1101A	Self-adhesive Type
DM1101B	Sewing-on Type



Photoluminescent Film Class A Series

Item: DM9101 / DM9201
 Liner: PP film
 Durability: 5 years
 Available Size: 1.24x45.7m/roll, 0.62x45.7m/roll
 Processing: die cutting for PET, screen and solvent printing for acrylic
 Application: safety escape indicating signage, fire fighting signage etc.
 Standard: DIN67510 Class A, JIS Z9107 JA

DIN67510 Class A



Photoluminescent Film Class B Series

Item: DM9102 / DM9202
 Liner: PP film
 Durability: 5 years
 Available Size: 1.24x45.7m/roll, 0.62x45.7m/roll
 Processing: die cutting for PET, screen and solvent printing for acrylic
 Application: safety escape indicating signage, fire fighting signage etc.
 Standard: DIN67510 Class B, JIS Z9107 JB

DIN67510 Class B



Photoluminescent Film Class C Series

Item: DM9103 / DM9203
 Liner: PP film
 Durability: 5 years
 Available Size: 1.24x45.7m/roll, 0.62x45.7m/roll
 Processing: die cutting for PET, screen and solvent printing for acrylic
 Application: safety escape indicating signage, fire fighting signage etc.
 Standard: DIN67510 Class C, JIS Z9107 JC

DIN67510 Class C

