

## Reflective Sheeting

### DM7200 series: Engineering Grade Acrylic Type

**Feature:** Tearable, good extensibility, can be screen printed and ink-jet printed, excellent for computer cutting

**Application:** road traffic signs

**Service life:** 7 years

**Specification:** 1.24m x 45.7m

**Available color:** white, yellow, red, green, blue

**Other technical data:**

1. Surface Film: Acrylic Type
2. Thickness of film: 0.10mm, Thickness of Glue:0.03mm (Oil glue the same as 3M)  
Thickness of Release Paper: 0.16mm, total thickness of products: 0.29mm
3. Weight of Release Paper: 160g/sqm
4. Type of Adhesive: Pressure-Sensitive Type
5. Strength of Adhesive: at the condition of 0.8kg, 5min, total length: 10cm, the falling Length≤ 2cm
6. Operation temperature: 20 °C---28 °C
7. Working temperature: -20 °C --- 60 °C
8. Weight per sqm: 400g
9. Color chromaticity:

Standard light source : D65    Observation condition: 45/0    Observation angle: 2 degree °C

Color	Color Chromaticity								Luminance Factor
	X	Y	X	Y	X	Y	X	Y	
White	0.350	0.360	0.300	0.310	0.285	0.325	0.355	0.375	≥0.27
Yellow	0.545	0.454	0.464	0.534	0.427	0.483	0.487	0.423	0.16---0.40
Red	0.690	0.310	0.658	0.342	0.569	0.341	0.595	0.315	0.03---0.10
Green	0.007	0.703	0.026	0.399	0.177	0.362	0.248	0.409	0.03—0.10
Blue	0.078	0.170	0.137	0.038	0.210	0.160	0.150	0.220	0.01---0.10

#### 10. Coefficient of retro-reflection

Observation Angle	Entrance Angle	White	Yellow	Red	Green	Blue
0.2	-4	80	50	14	9.0	4.
	30	30	22	6.0	3.5	1.5
1	-4	5	3.0	2.0	1.0	0.6
	30	2	1.5	0.6	0.4	0.2