

Honeycomb Reflective adhesive film Class B

TM1800 series: High Intensity Grade Acrylic Type

Technical data sheet

Feature:	Class B TM1800 is a long life service industrial grade sheeting, exposed-lens, retroreflective, acrylic based material, pre-coated with a pressuresensitive adhesive, that offers very high retroreflective efficiency!
Available sizes:	" cm x "0m
Application:	Traffic signs for highways and city roads, retroreflective marking for cars, trucks, ships and other vehicles!
Service life:	Long service life, high reflectivity - 10 years
Specification:	1!%%m x &"!' m
Available color:	White, yellow, red, green, blue, fluorescent yellow

Other technical data:

- 1! (surface) film* acrylic Type, import from Japan.
- 2! Thickness of film* 0!" " mm, Thickness of glue* 0!0"-0!00mm
Thickness of release paper* 0!18mm, total thickness of products* 0!30"-0!31" mm
- 3! Weight of release paper* 100g/56m
- 4! Type of adhesive* Pressure-sensitive Type
- 5! (Strength of adhesive* at the condition of 0!8#g, " min, total length* 10cm, the falling length 7 %cm
- 6! Operation temperature* " °C----30 °C - 4 oring temperature* -%0°C --- 00°C
- 7! Temperature resistance* Continuous exposure*, ' "9C. Intermittent exposure, 30 min!.* , 1109C.
- 8! Color chromaticity*

Colour	Colour Chromaticity						Luminance factor
	L*	a*	b*	L*	a*	b*	
White	100.00	0.00	0.00	100.00	0.00	0.00	100.00
Yellow	95.16	18.11	2.43	95.16	18.11	2.43	100.00
Red	54.91	36.42	15.07	54.91	36.42	15.07	100.00
Green	49.87	13.44	34.26	49.87	13.44	34.26	100.00
Blue	29.37	-11.81	58.81	29.37	-11.81	58.81	100.00

>! Coefficient of retroreflection

Observation angle	Entrance angle	White	Yellow	Red	Green	Blue
0!	-&	%"0	1'0	&"	&"	%0
	1"	%00	130	3"	3"	10
	30	1"0	100	%"	%"	10
0!33	-1	180	1%0	%"	%"	1&
	1"	1"0	>0	%0	%0	11
	30	100	'0	1&	1&	8
1	-&	%0	1%	3	3	1
	1"	1"	8	%	%	0!8
	30	>	"	1	1	0