

Technical Data Sheet

REFLECTIVE FILM ENGINEERING GRADE ACRYLIC TAPE

Stock Code	QTM7600									
Product description:	<p>Feature: tearable, good extensibility, long service life, coated with glass beads, can be screen printed</p> <p>Application: road traffic signs, can be used in bad weather</p> <p>Service life: 7 years</p> <p>Specification: 1.22m x 45.7m</p> <p>Available color: white, yellow, red, green, blue, orange, black, brown</p>									
Other technical Data	<p>1. Surface Film: Acrylic Type</p> <p>2. Thickness of film: 0.125mm, Thickness of Glue:0.03mm Thickness of Release Paper: 0.18mm , total thickness of products: 0.335mm</p> <p>3. Weight of Release Paper: 160g/sqm</p> <p>4. Type of Adhesive: Pressure-Sensitive Type</p> <p>5. Strength of Adhesive: at the condition of 0.8kg, 5min, total length: 10cm, the falling Lengths 2cm</p> <p>6. Operation temperature: 10°C---30 °C</p> <p>7. Working temperature: -20°C --- 60°C</p> <p>8. weight per sqm: 415g</p> <p>9. Color chromaticity:</p> <p>Standard light source : D65 Observation condition: 45/0 Observation angle: 2 degree.</p>									
Colour	Colour 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	0.206	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	
6. Coefficient of retro reflection (Min Value)										
Observation angle	Entrance									
	Angle	White		Yellow		Red		Green		Blue
0.2	-4	80		55		14		9.0		4.0
	15	55		35		11		7.0		3.0
	30	30		22		6.0		3.5		1.5
0.33	-4	50		35		10		7.0		3.0
	15	45		20		8.0		5.0		2.0
	30	24		15		4.0		2.5		1.0
1	-4	5.0		3.0		2.0		1.0		0.6
	15	3.0		2.0		1.0		0.8		0.3
	30	30		2.0		0.6		0.4		0.2

Note: All above information shall only be used as a guide; buyer shall independently test and determine product suitability. All technical data is subject to change without prior notice.