

## Reflective Graphic Sheet Nikkalite R8512GI

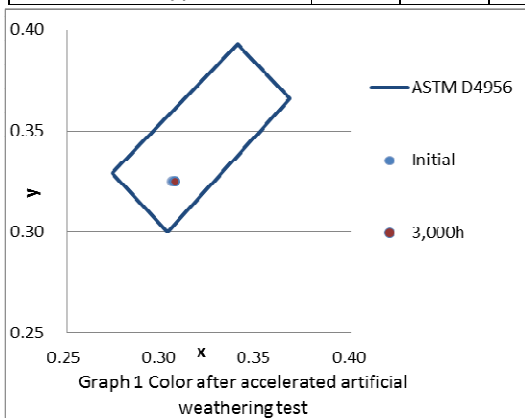
Solvent inkjet printing media, Flexible enclosed lens retroreflective sheeting with air bubble free performance.

### Physical Characteristics

Color	: White	Surface material	: Acrylic resin
Size	: 1220mm×45.7m (48"×50yd)	Adhesive	: Pressure sensitive (PS)
Thickness	: 140–160µm (without liner)	Minimum Coefficient of retroreflection	: ASTM D4956 Type I
Paper core	: 3 inch (inside diameter)	Accelerated artificial weathering	: Table 1 & Graph 1
Durability	: 7 years (coefficient of retroreflection & color for ASTM D4956 Type I)		

Table 1 Coefficient of retroreflection after accelerated artificial weathering test [cd·lx<sup>-1</sup>·m<sup>-2</sup>]

Observation Angle	0.2°			0.33°			0.5°		2.0°			
	Entrance Angle 5°	30°	40°	5°	30°	40°	5°	30°	5°	30°	40°	
R8512GI	Initial	104	70	38	83	63	36	53	50	12	9.4	8.1
	3,000 h	84	66	42	63	58	39	38	45	13	9.9	8.1
ASTM Type I		70	30	-	-	-	-	30	15	-	-	-



### Accelerated artificial weathering test

Xenon Arc Apparatus.

Irradiance set point at 340 nm : 0.35W / (m<sup>2</sup>nm) ,  
Black panel Temperature set point : 63°C(145 °F)

Water spray cycle : alternating periods of 102 minutes light  
only 18 minutes light and water spray

※The above figures are measured values, not guaranteed values.

### Air Bubble Free test



Left : R8512, Right : R8512GI

Squeezed off  
After laminated  
one minute



Left : R8512, Right : R8512GI

### Caution

- ✓ Check print quality to make sure it is satisfied prior to apply sheet to substrate.
- ✓ The print quality may be affected by surface and printing machine conditions.
- ✓ The shelf life of sheeting is 12 months from the delivery date on the original box. Keeping the product in dry and room temperature is highly recommended.



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