

# Nikkalite

## High Intensity Micro-prismatic 94000 Series

### 1. INTRODUCTION

Nikkalite™ Brand High Intensity Micro-Prismatic (HIM) 94000 series sheeting is high intensity un-metallized micro-prismatic retroreflective sheeting designed for production of permanent traffic control signs, construction zone devices, and delineators. HIM 94000 series conforms to ASTM D4956-09 Type IV specification. 94000 series product is embedded with the HIM watermark.

### 2. AVAILABLE COLOR, WIDTH AND LENGTH

Available width: 24", 36" and 48"  
Available length: 50 Yards  
Available colors: 94802 - White  
94804 - Yellow  
94805 - Red  
94806 - Blue  
94807 - Orange  
94808 - Green

### 3. COEFFICIENT OF RETROREFLECTION (cd/lx/sqrm)

O.A.	E.A.	94802	94804	94805	94806	94807	94808
0.2°	-4°	360	270	65	30	145	50
0.2°	30°	170	135	30	14	68	25
0.5°	-4°	150	110	27	13	60	21
0.5°	30°	72	54	13	6	28	10

• Coefficient of retroreflection is not below average value shown in the tables above.

### 4. COLOR LIMITS AND LUMINANCE FACTOR (DAYTIME)

Color	1		2		3		4		Luminance Factor	
	x	y	x	y	x	y	x	Y	Min.	Max.
94802	0.303	0.300	0.368	0.366	0.340	0.393	0.274	0.329	27	-
94804	0.498	0.412	0.557	0.442	0.479	0.520	0.438	0.472	15	45
94805	0.648	0.351	0.735	0.265	0.629	0.281	0.565	0.346	2.5	15
94806	0.140	0.035	0.244	0.210	0.190	0.255	0.065	0.216	1	10
94807	0.558	0.352	0.636	0.364	0.570	0.429	0.506	0.404	2.5	15
94808	0.026	0.399	0.166	0.364	0.286	0.446	0.207	0.771	3	12

• Light source D-65 • CIE1931 Observer.

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### 5. WARRANTY

10-year warranty with 100% full replacement within the first 7 years, and 100% sheeting replacement within the final 3 years and a 3-warranty for orange 94807, when the product is cleaned in accordance with the manufacturer's recommendations the retroreflectivity retention shall be:

Product No.	Color	New	3 year	10 year
94802	White	360	-	288
94804	Yellow	270	-	216
94805	Red	65	-	52
94806	Blue	30	-	24
94807	Orange	145	116	-
94808	Green	50	-	40

*Coefficient of Retro reflection. Candelas per Lux per Square Meter. (0.2° Observation and -4° Entrance Angle)  
Manufacturer reserves the right to verify reflectivity levels.*

### 6. RELIABILITY OF INFORMATION

All recommendations and technical information contained herein are based on experiences and tests, which the manufacturer believes to be reliable; however, their accuracy and completeness are not warranted. The user is cautioned to conduct their own tests to determine the fitness of this product for the intended application.

### 7. WARNING

Failure to comply with the explicit instruction in this bulletin will result in voiding all warranties express or implied for use of this product. If retroreflective sheeting is to be applied to a surface other than conventional sign blank materials, prospective users should contact technical representatives of Nippon Carbide Industries (USA) Inc. for advice before such application.