

## KIWALITE Cloth Grade #500 Series

### Description

KIWALITE Cloth Grade #500 Series is designed to contribute traffic safety by increasing visibility of pedestrians and work zone workers for drivers when car headlights and other lights are used in nighttime.

KIWALITE Cloth Grade #500 Series has features of high durability in physical and photometric performance with tarpaulin backing, and increasing nighttime safety by sewing on binyl sheeting and fabrics.

### Color and Code #

Code #	Color
#501	White
#504	Yellow
#503	Lemon Yellow

### Standard size

36 inches x 50 yards

### Structure

Total Thickness*	430 ± 40 micron	Dial gauge
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\* average

### Reflectivity

KIWALITE Cloth Grade #500 Series conforms to reflective intensity values shown in the following table.

O.A.	I.A.	#501 White	#504 Yellow	#503 Lemon Yellow
0.2°	+ 5°	70	50	50
	+30°	30	22	22
	+40°	10	7.0	7.0
0.33°	+ 5°	50	35	35
0.5°	+ 5°	30	25	25

## **Durability**

Expected performance life of KIWALITE Cloth Grade #500 Series is 2-3 years (1 year for Lemon Yellow). Our experience shows that performance under normal use depends on various conditions such as selection of textile and substrate to apply, treatment of substrate surface, application procedure, exposure condition, or use environment.

## **Cutting and Welding**

### **1. Cutting**

KIWALITE Cloth Grade #500 Series can be easily cut by scissors, cutting knife or cutting machine.

### **2. Welding**

On welding in general, amount of heat generation varies depending on combination of power voltage, current and frequency. Therefore, in order to obtain appropriate condition to welder KIWALITE Cloth Grade #500 Series, pretest with machines to be used is required by checking sparks under various conditions.

## **Maintenance**

For washing the surface of KIWALITE Cloth Grade #500 Series, soap and detergents are used with water or warm water using soft cloth, sponge, or soft brush. To remove oil spots and stains, wash by following above instruction after softly wiping off with cloth saturated with weak solvent.

## **General Information**

### **1. Packaging**

The sheeting as supplied will be of good appearance, free from ragged edges and cracks, and packaged accordance to commercial standards. The sheeting may contain minimum splices.

### **2. Shelf life**

The sheeting should be stored at temperature of 20°C-25°C and humidity conditions 50±10% R.H. and should be used within one year from the date of delivery.



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