

REFLECT • DIFFUSE • CONTROL

Product Code:	WO-M16-98 Series	ŀ
Description:	High diffuse reflectance metal composite, ultra-matte finish	
Options:	Custom width coil and sheet size, removable protective film	Jan Barris
Formability:	Can be turret punched, roll formed, die stamped; 2T bend min	

Availabilty	Sheet and Coil	Total Thickness	Max Width
M16-98-A2	Aluminum	0.019" (0.48 mm) ±0.0015" (0.04 mm)	48" (1220 mm)
M16-98-A6	Aluminum	0.025" (0. 64mm) ±0.0015" (0.04 mm)	48" (1220 mm)
M16-98-A9	Aluminum	0.037" (0.94mm) ±0.0015" (0.04 mm)	48" (1220 mm)
M16-98-F8	Steel	0.025" (0.64 mm) ±0.0020" (0.04 mm)	48" (1220 mm)
M16-98-F6	Steel	0.033" (0.84 mm) ±0.0020" (0.04 mm)	48" (1220 mm)

Propery	Value	Method
Reflectance at 550nm	97.4 ± 1.0%	ASTM E1164
L* value	98.85 ± 0.05	ASTM E308
a value	-0.65 ± 0.09	ASTM E308
b value	1.51 ± 0.13	ASTM E308
Gloss (60 degree)	< 3.0%	ASTM D2457
Gloss (85 degree)	< 5.0%	ASTM D2457

- UV stable for most applications
- Continuous Thermal stability up to 100°C
- Stable in humid environments
- Anti-static, Does not attract dust
- Abrasion resistant
- Chemically resistant with most common cleaning solutions including ammonia, 409, soap solutions; not compatible with bleach or caustic





Bidirectional Reflectance Distribution Function Measurements



243-G Quigley Blvd. New Castle, DE 19720



inquiries@whiteoptics.com whiteoptics.com





This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability depends on the particular conditions of use. We recommend that customers satisfy themselves that each product meets their requirements in all respects. This information is being provided by WhiteOptics LLC free of charge as a courtesy to customers, and WhiteOptics LLC HEREBY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES AND LIABILITIES WITH RESPECT TO THE INFORMATION AND USE THEREOF. WhiteOptics® White98 is a trademark exclusive to WhiteOptics LLC. All rights reserved.