



# WhiteOptics® M18+ Metal

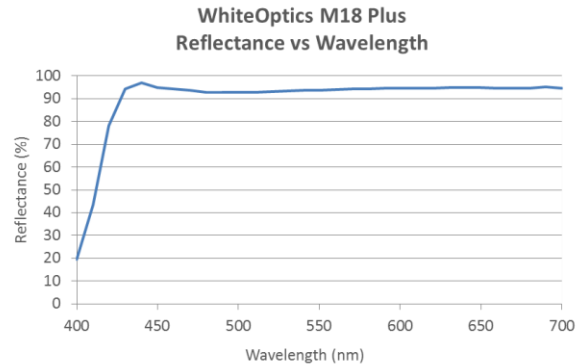
## Product Data Sheet

**Product Code:** WO-M18+ Series  
**Description:** High diffuse reflectance metal composite, matte finish  
**Options:** Custom width coil and sheet size, removable protective film  
**Formability:** Can be turret punched, roll formed, die stamped; no bend restrictions

<u>Availability</u>	<u>Sheet and Coil</u>	<u>Total Thickness</u>	<u>Width</u>
M18A2	Aluminum	0.019" (0.48 mm) ±0.0015" (0.04 mm)	48" (1220 mm)
M18A6	Aluminum	0.020" (0.64 mm) ±0.0015" (0.04 mm)	48" (1220 mm)
M18F8	Steel	0.022" (0.64 mm) ±0.0020" (0.04 mm)	48" (1220 mm)
M18F6	Steel	0.030" (0.84 mm) ±0.0020" (0.04 mm)	48" (1220 mm)

### Optical Properties:

<u>Property</u>	<u>Value</u>	<u>Method</u>
Reflectance at 550nm	94.0 ± 1.0%	ASTM E1164
L* value	97.5 ± 0.40	ASTM E308
a value	-1.00 ± 0.1	ASTM E308
b value	-0.30 ± 0.4	ASTM E308
Gloss (60 degree)	< 8.0%	ASTM D2457
Gloss (85 degree)	< 10.0%	ASTM D2457



- UV stable for most applications
- Continuous Thermal stability up to 120°C
- Stable in humid environments
- Anti-static, Does not attract dust
- Abrasion resistant
- Chemically resistant to most common cleaning solutions including ammonia, 409, soap solutions; not compatible with bleach or caustic

For more information or detailed accelerated aging test data contact customer service  
 email: [inquiries@whiteoptics.com](mailto:inquiries@whiteoptics.com)



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