

M-0500 SERIES

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COMMERCIAL GRADE REFLECTIVE SHEETING

Pressure Sensitive Adhesive for Aluminium

Avery Dennison® M-0500 Series

Commercial Grade Reflective sheeting is a quality, enclosed lens retroreflective material. M-0500 Series is ideal for non-specification signage requirements such as off-road signage and parking lots.

Instructional Bulletins are available on reference care and handling; substrate requirements; application techniques; die cutting; computer sign cutting; screen preparation; inks and troubleshooting printing and process colors can be found on our web site or by calling a service representative.

RETRORELECTIVITY TABLE

Minimum Coefficient of Retroreflection (R_A) (cd/lx/m²)

Observation Angle	Entrance Angle	White	Yellow	Green	Red	Blue	Brown
0.2°	-4°	50	25	5	10	3.8	----
	30°	12	7	2	3	1	----
0.5°	-4°	15	10	3	5	2	----
	30°	6	3	1	1	0.8	----

PHYSICAL PROPERTIES

Outdoor Durability	Avery Dennison M-0500 Series sheeting is warranted for 2 years when properly processed and applied.
Minimum Surface & Ambient Air Application Temperature	40°F (4°C) when applied with a squeeze roll applicator.
Application Surface	Flat surfaces only. Not recommended for unpainted stainless steel. Always pretest your specific substrate prior to application. Note: Wet method of application is not recommended for Avery Dennison M-0500 Series reflective sheeting.
Service Temperature Range	-40°F to 180°F (-40°C to 82°C)
Typical Film Caliper (w/adhesive)	3.5 to 4.5 mils
Shelf Life	One year when stored at the following temperature and conditions 68° - 77°F (20° - 25°C) and 50% ± 5% R.H.
Other Tests	M-0500 Series meets other requirements set forth in ASTM D 4956-99 including Shrinkage, Flexibility, Liner remover, Adhesion, Impact resistance, Specular gloss and Outdoor weathering.



M-0500 (white)



M-0501 (yellow)



M-0507 (green)



M-0508 (dark red)



M-0505 (blue)



M-0509 (brown)

