



12" Traffic Signal Backplates

General:

NAS backplates are Made in America and provide a border around the signal head that blocks any light source coming from behind the signal to be seen and distract the driving public. This adds contrast to the signal light-source enhancing signal visibility. The backplates will fit both North American Signal aluminum and polycarbonate 12" traffic signal heads. NAS backplates are provided for single section up to five sections in all the most popular signal configurations. Backplates can be either with or without reflective tape and louvered and/or non-louvered.

Materials:

NAS backplates come in both aluminum and ABS plastic. The aluminum B/P's are made out 5052-H32/H34 or 3003-H14 and conforms to ASTM B209. The Powder Coated aluminum B/P's are 0.060 thick. The ABS vacuum formed backplates have a .6250 flange off the border for increased strength and are .1250 thick. The ABS plastic is UV stabilized. The ABS comes in both five and six inch borders. The aluminum is available in five-inch border only.

Mounting:

Both the aluminum and ABS backplates are mounted with a custom stainless-steel washer and screw. This eliminates the need for a separate washer.

Coating:

The aluminum backplates are powdered coated with an exterior TGIC UV resistant powder. The standard color is black but can also be ordered in yellow, green and custom colors to match the signal housing color. The face is always black.

Reflective tape:

Reflective tape can be incorporated to both the ABS and aluminum backplates. 3M Diamond Grade VIP reflective tape is used for the highest reflectivity. The standard size of the reflective tape is two (2) inches with others sizes available upon request. Sheeting is 3M 3981 Fluorescent Yellow; Meets ASTM Type 9 Specification.

