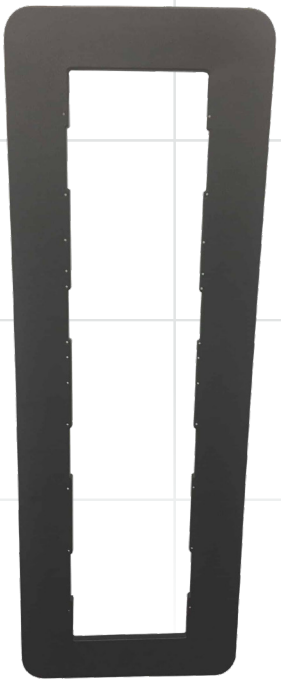
EAGLE®
Traffic Control Systems

Vacuum Formed Traffic Signal Backplates

DATA SHEET



DESCRIPTION

The Vacuum Formed Traffic Signal Backplate is a lightweight, durable panel made from molded thermoplastic, designed to frame traffic signal heads. It enhances signal visibility by providing a contrasting background and often includes a reflective border for improved safety.

Vacuum forming allows for cost-effective production, corrosion resistance, and easy installation compared to traditional metal backplates.

OPTIONS FOR ORDERING
SA or SG series
Number of sections – 1, 3, 4, 5 in-line or 5-section cluster arrangement
No Plumbizer or with Eagle or Frey Plumbizer
No tape or with Reflective tape – 1″, 2″, or 3” wide
Color – Standard Flat Black
Contact MoboTrex for other Options

FEATURES

- **Eagle Vacuum Formed Backplates are fabricated from .125” thick ABS UV stabilized plastic sheet. This material is resistant to impacts and abrasions and will keep its strength and shape in extreme temperatures, continuous direct sunlight, and severe weather conditions. The vacuum forming process adds a 3/4” flange around the entire backplate to enhance the strength and rigidity of the backplate.**
- **This style of backplate is available for both SG and SA series signal heads, in 1, 3, 4, and 5-section inline and 5-section cluster heads. Reflective tape versions are available to further increase the visibility of the signal.**
- **All backplates include hardware to attach the backplate to the Eagle signal head.**

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Backplate Number Construction Code

Prefix	Width of Border	Signal Configuration			Plumbizer Mounting Allowance	Profile	Hanger Style	Width of Reflective Tape	Tape Location	Special Options *f*	Paint Options -**
		Number of 8" (203mm) Housings	Number of 12" (300mm) Housings	Face Arrangement							
BVB = Poly SG BVBR = Poly SG with Reflective Tape BVD = Poly SA BVDR = Poly SA with Reflective Tape	5 = 5"	0	1 2 3 4 5	A - Z	N = None E = Eagle R = Frey	F = Flat	00 = None 01 = Span Wire 02 = Astro Bracket 03 = Other	0 = None 1 = 1" 2 = 2" 3 = 3"	N = None E = Edge C = Center	0 = None 1 = Multi 2 = Tape 3 = Louver Size or Direction 4 = Hardware 5 = Other 6 = Louver Centered	-00 = Flat Black

BVx(R) 5 2 1 A N L 00 2 E *f* -**

- Prefix
- Width of Border
- Signal Configuration
  - Number of 8" Housings
  - Number of 12" Housings
  - Alpha Designation
- Mounting Allowance
- Profile
- Mounting Style
- Tape Size
- Tape Location
- Special Option (ex: DOT Specs)
- Paint Color Option

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