

TRI-PILE

GLASS RUN CHANNELS FOR SLIDING WINDOWS

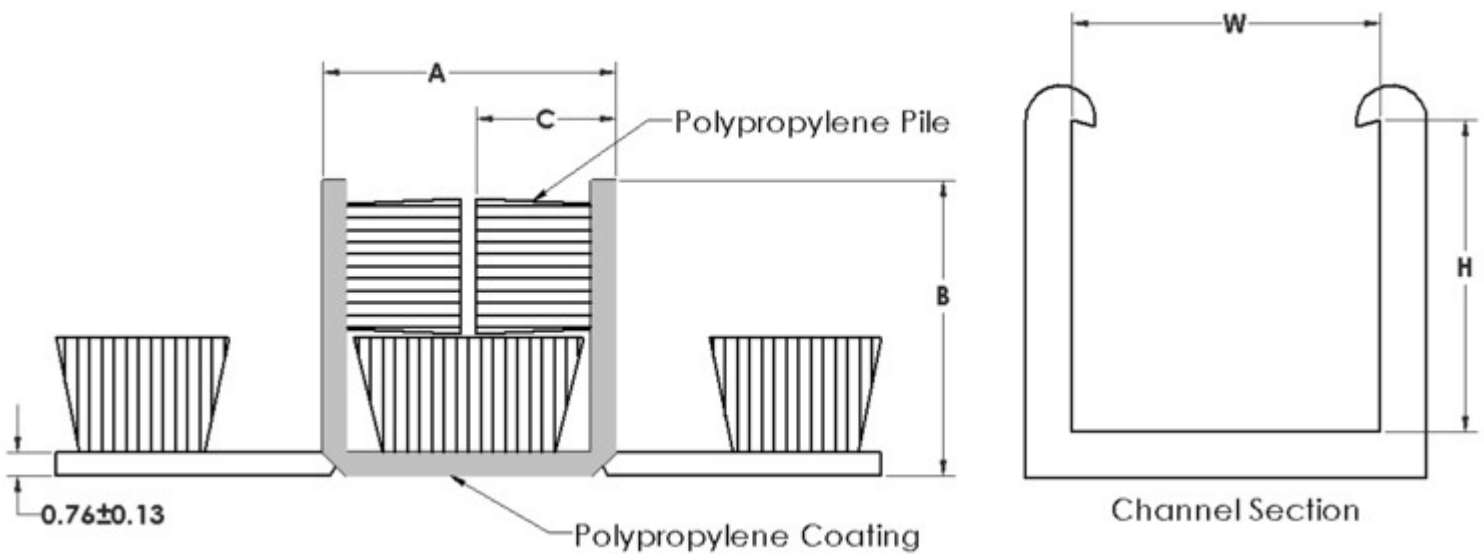
ABOUT US

Based in Rochester, NY, USA, SEM Specialty Products (SEM SP) specializes in producing the ultimate glass run channels for sliding windows. Tri-Pile is comprised of three rows of pile on a plastic coated textile backing. The backing is scored so that it can be shaped into a “U” and placed in a metal or plastic glass run channel. Compared to conventional glass runs, Tri-Pile offers important new design and cost reduction possibilities for sliding windows. Because it is thinner than rubber extrusions, Tri-Pile will fit in a narrower channel, allowing weight reduction and cost saving in the channel design. Windows can now be set semi-flush (within 3mm) of the outside of the vehicle for a sleeker look, aerodynamic efficiency, and reduced wind noise. For some existing vehicle designs only slight modification of metal-work is required for this flush glass look.

- Efficient Sealing
- Easier window operation dramatically reduces “pull efforts” required to open & close sliding windows
- Material savings
- Weight reduction
- Cost competitive

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**Contact us to discuss
a product development
opportunity!**



TRANSPORTATION PILE DIMENSIONS

Available Profiles	Dim. A	Dim. B	Dim. C	Glass Thickness	Rec. Channel Size
TP-066-094-23	6.6	9.4	2.3	3.0	6.7 x 10.1
TP-066-140-23	6.6	14.0	2.3	3.0	6.7 x 14.1
TP-095-096-45	9.5	9.6	4.5	3.0	10.0 x 10.1
TP-114-113-44	11.4	11.3	4.4	5.1	12.7 x 11.8

*Note- Standard profiles shown. Please contact us about custom sizes.

Explanation of Numering Breakdown: Example: TP 114-113-44

- TP = Tri-Pile
- 114 = Designates the width of the parts as 11.4 mm
- 113 = Designates the leg height as 11.3 mm
- 44 = Designates the pile height as 4.4 mm

Special profiles may be developed for your particular application.

TRANSPORTATION PILE CHANNEL DIMENSIONS

Designing:

- Suggested max pile height "PH" = .160
- Optimum "PH" = .140
- Suggested % compression "PC" = 30%

Options:

- Cut to length
- Cuts for corner application
- Drain holes

To determine channel width (CW):

$$CW = GT + 2 (1-PC/100) PH$$

Key:

- GT = Glass Thickness
- CW = Channel Width
- PH = Pile Height
- PC = Percent Compression

