



Technical Data Sheet

ACS Material V Shape AAO Templates

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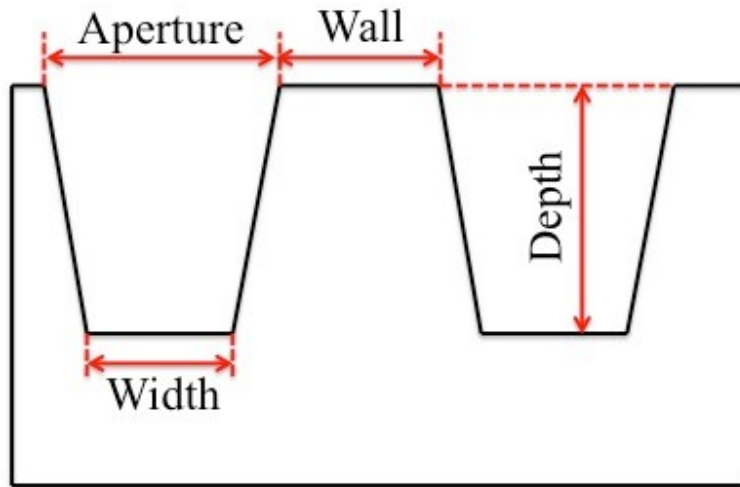
Contact Information:

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Revision: 011519

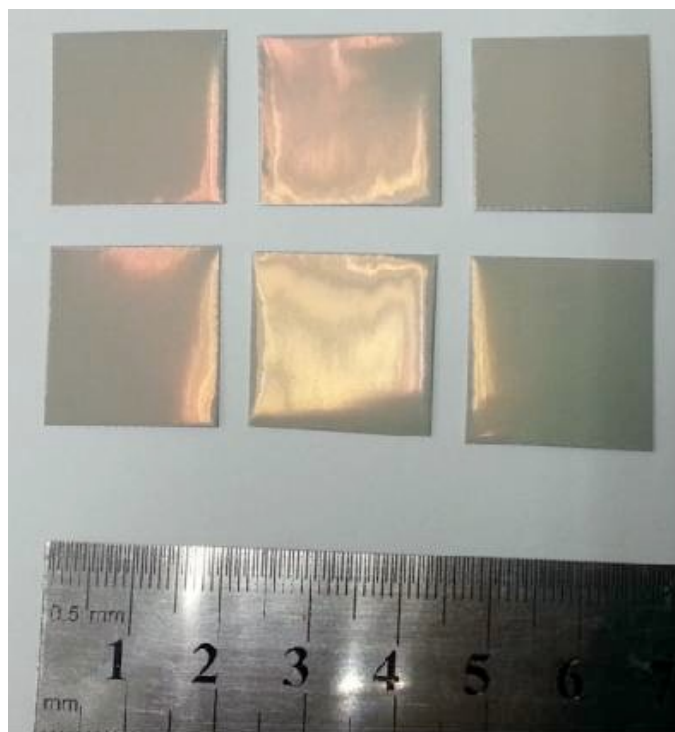
1. Structure Features

Types of V Shape AAO Templates

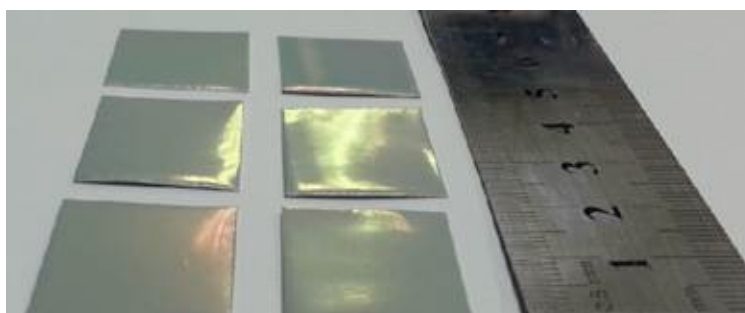
Product No.	Aperture (nm)	Width(nm)	Hole Depth (nm)	Size (cm)
A3010021	90	40	200	2 x 2
A3030021	300	100	300	2 x 2
A3010011	90	40	200	1 X 1
A3030011	300	100	300	1 X 1



Structure for V Shape AAO Templates

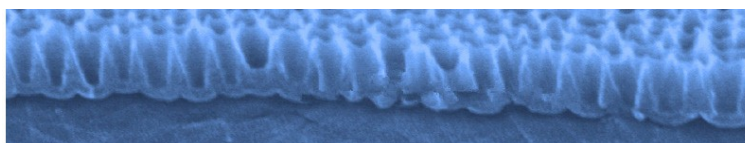


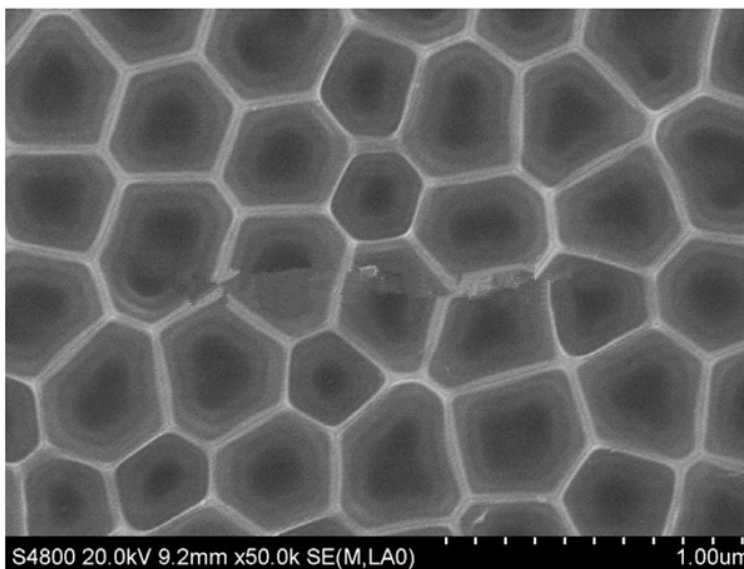
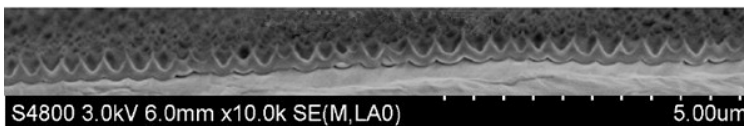
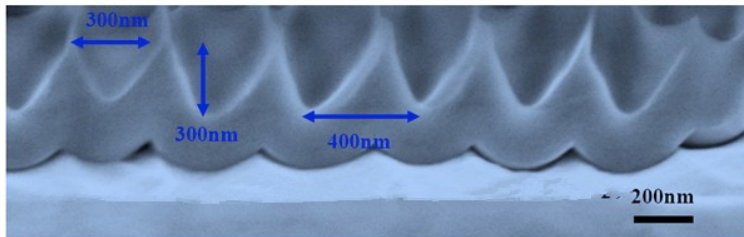
V Shape AAO Templates, 2cmx2cm



V Shape AAO Templates, 2cmx2cm

2. Characterizations





SEM image of ACS Material V Shape AAO Templates

ACS Material provides the following custom order services:

- 1) Improve wear resistance of the lubricating oil.
- 2) Large size or special parameter AAO Templates.
- 3) Transfer of ultrathin AAO. The present standard product: 50-400 nm pore diameter, 110-450nm interpore distance, and 5-50um thickness.

3. Applications

- 1) As a mask for nanodot or quantum dot array by deposition methods
- 2) As an etching mask for nanopore array on substrates
- 3) Nano-imprinting template for nanostructures on softer surfaces, especially polymer surfaces.
- 4) For substrates: Transfer to silicon, silicon oxide, ITO, glass, copper, HOPG etc.

ACS Material must assume that the surface of any provided substrates have been thoroughly cleaned and cannot take responsibility for pre-existing impurities. Please call with your particular requirements.

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