NIA Capabilities at a Glance

Use this comparison to identify the starting point for your project. The final line and process selection depend on the required finish, part geometry, racking and agreed acceptance requirements.

Capability	Large line	Small line
Maximum part length	330 inches	48 inches
Maximum part depth	60 inches	66 inches
Maximum part width	42 inches	24 inches
Caustic etch	Available	Available
Acid etch	Available	Not listed for this line
Two-step architectural coloring	Champagne, bronze and black	Not listed for this line
Organic black dye	Available	Available
Organic red and blue	Not listed for this line	Available
Hardcoat anodizing	Not listed for this line	Available

Dimension order is length x depth x width. A part must be reviewed in its proposed processing orientation. A listed dimension is not a guarantee that every shape within that envelope can be processed.

Additional organic colors on the small line may be considered for project needs. Ask about the specific color, quantity and application.

NIA Capabilities at a Glance

Planning and next steps

Information needed to confirm capability

• Drawing, alloy and temper, dimensions and part weight.

• Required process, coating thickness and tolerance, color and sealing.

• Visible surfaces, masking, rack-contact restrictions and critical fits.

• Applicable specification, required tests and documentation.

• Quantity, order frequency, packaging and delivery requirements.

Hardcoat projects

For small-line hardcoat work, describe the functional requirement and mating surfaces. Confirm the proposed thickness, dimensional allowances, seal and color together. Do not assume all decorative color options are available for every hardcoat combination.

Scheduling and logistics

Request an order-specific lead time. If you need recurring releases or an expedited order, include the quantities and required dates at the quote stage. Discuss pickup and delivery arrangements for the actual load.

Specifications and documentation

Identify required standards, revisions, tests and certificates before ordering. Capability descriptions do not establish a particular certification, customer approval or test result; confirm those requirements with NIA for the project.

Start with the requirement

If the finish is not fully defined, explain what the part must do and what it should look like. Include a drawing and reference sample information so NIA can review the process options with you.

Request a capability review

Contact NIA with your drawing and project requirements to review the next step.

Sources: NIA Capabilities 2025, pages 7-8 and 10-11; large-line length corrected by NIA to 330 inches.