

TECHNICAL BULLETIN
NuShine II ALUMINUM Polish

Use to buff and polish large areas of aluminum to a mirror finish. Use MICRO-MESH™ Leading Edge (Aluminum) Kit prior to buffing with NuShine to remove oxidation, surface scratches and orange peel.

A. TOOLS REQUIRED:

1. *Rotary polisher rated at 1200 rpms with hook faced back-up pad*

B. PRODUCTS REQUIRED:

1. *10 oz. Aluminum Cutting Fluid*
2. *2-Soft cotton or flannel cloth*
3. *1-Aluminum Polish, 1/4lb.*
4. *1-5" x 3/4" TUFBUF lambswool polishing pad*
5. *1-5" white, loop back foam pad*
- 6.. *1-5" soft interface pad with hook*

C. PREPARING FOR THE BEST RESULTS:

1. *Run the rotary polisher at low to moderate speed to avoid heating the aluminum.*
2. *Work in a 2' square area at a time, using consistent, medium pressure to guide the tool. Keep the tool moving.*
3. *Buff using long sweeping motions, in one direction, being very thorough. Sand in the opposite direction on the following grit.*
4. *Keep the work area as clean as possible to avoid contamination.*
5. *Do not dig or concentrate on a single spot.*
6. *Not all grades of aluminum finish the same. Depending on the type of aluminum you have, you may be able to skip some of the steps. For instance, it may not be necessary to buff with the foam pad.*

D. THE PROCESS:

1. *Coat area with aluminum cutting fluid. The cutting fluid will act as a coolant and lubricant.*
2. *Affix lambswool pad to the soft interface pad attached to the polisher and buff until the aluminum polish is worked in well. Cover the entire surface with long, sweeping motions, making certain to be thorough. The work area will turn black at this stage of the process.*
3. *Wipe the surface clean and reapply aluminum polish.*
4. *Affix the white, foam pad to the soft interface pad attached to the polisher and buff using long sweeping motions over the entire reworked surface. Do not over buff. Keep the tool moving and use light pressure.*
5. *Wipe the surface clean. You will be left with a brilliant, mirror finish.*