

Micro-Mesh Procedures for Wood

Micro-Mesh is a unique cushioned abrasive that produces a very fine and uniform scratch pattern. The nine grits range from 1500 up to 12,000. The 1500 is slightly coarser than a common 600 grit sandpaper. The 12,000 will leave a scratch pattern that cannot be detected by the human eye. Micro-Mesh abrasives can polish to a high reflective state or leave a matte or satin finish depending upon where you stop using the series.

1. Bare Woods

Before starting the Micro-Mesh series, coarse sanding should be done using up to 320 grit sandpaper. Shaping, sawing or turning of the work piece should be complete. Begin with 1500 Micro-Mesh, sand until all of the common sandpaper scratches are removed. Continue with the Micro-Mesh series (1800, 2400, 3200, 3600, 4000, 6000, 8000, 12000). You may stop at any point during this process when you have reached the finish that you desire. On wood to be finished with urethane, polyester, lacquer etc. you may want to stop at 3200 or 3600. This gives the wood a smooth base but leaves a gripping surface for the finish.

2. Wood Finishes (polyurethane, polyester, epoxy, lacquer, etc.)

When applying multiple coats of finish sand only to 3200 or 3600 before re-coating. This will remove any orangepeel or dirt. Polish surface, beginning with 2400 Micro-Mesh and continuing through the series (3200-12000) until the desired gloss is achieved. Satin finishes are achieved with the 3600 grade. The satin finish gets progressively higher in gloss through the 6000 step. High gloss finishes will appear by the 6000 through 12000 steps. The wood, the finish used and personal preference determine where to stop. Micro-Mesh replaces both pumice and rotten stone for final finishing. Micro-Mesh replaces all steel wool grades.

3. Repair of Wood Finishes

Burn ins- cover the burn area with three coats of lacquer. Wet sand with 1500, and then apply one more coat of lacquer. Polish with Micro-Mesh series to match gloss. To match a satin finish- begin with 1800 followed by 3600 then polish with MicroGloss. To match a high gloss finish- begin with 1500 then 2400 followed by 4000 and finish with Micro-Gloss.

4. Hints

Micro-Mesh can be used wet or dry. When using Micro-Mesh dry, it can be "unloaded" by rapping against the palm of your hand. Micro-Mesh can also be cleaned by using a stiff, short bristled brush. Thinned lemon oil or Danish oil can be used on bare wood.



MICRO-SURFACE
FINISHING PRODUCTS, INC.

Color Chart

Rust ▶	1500
Green ▶	1800
Gray ▶	2400
Tan ▶	3200
Wine ▶	3600
Teal ▶	4000
Purple ▶	6000
Blue ▶	8000
Fuchsia ▶	12000

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Pad and Chart Colors may slightly vary due to color shifts in the manufacturing process.

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Micro-Mesh Pad Dispenser



Stack your 2" Micro Mesh pads in the convenient dispenser. The side of the dispenser has the Micro Mesh color chart printed right on it so you can see what grit is next in line. This is ideal for finishing your pens on the lathe and is even more effective when the pads are used with CA finishes.

Tips and Tricks



Mount It To Your Shop Wall



Use the wood screws that came with the dispenser and attach the dispenser on to your work shop wall.

Attach It To A Wooden Block



If you don't want to permanently mount the dispenser to your wall we recommend that you mount it to a wooden block that is just a bit larger than the dispenser base. This gives it more stability when pulling out the next pad. Wood block not included.

Stack, Use and Re-Stack



Keep your work flow moving without having to scramble to look for the next grit. Simply stack the pads into the dispenser by color and when its time t use them, pull the lowest grit out from the bottom. Use that grit then stack it back on top and pull the next one out from the bottom and start sanding. Repeat this process until you cycle through the entirety of the grits. Wood block not included.

Just The Right Fit

If your pads are not dispensing to your liking, simply adjust both holders at the same time by pushing them up or down until the pads come out the way you would like.

Dispenser pad holders can be adjusted



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