

# ULTRA FINE 3 x 4 POLISHING PADS

## COMPLETE USAGE GUIDE

### Grit Comparison Reference

Ultra Fine Grades	Equivalent P-Grit	Micron Size
1500	P600-P800	30
1800	P1200-P1500	15
2400	P1500-P2000	12
3200	Beyond P2500	8.5
3600	—	8
4000	—	5
6000	—	4
8000	—	3
12000	—	—

### WOOD POLISHING TECHNIQUES

These foam-backed ultra-fine pads create smooth, consistent surface textures through progressive grit refinement. Starting at 1500 (similar to 400 grit conventional paper) and advancing to 12000 (virtually invisible scratches), you control the final appearance by choosing your stopping point.

#### UNFINISHED WOOD PREPARATION

- Pre-work:** Complete all rough shaping and sand to 320 grit standard
- Starting phase:** Use 1500 pad to eliminate visible sandpaper marks
- Progression:** Advance through each grade systematically (1800→2400→3200→3600→4000→6000→8000→12000)
- Completion:** Stop when surface meets your requirements
- Enhancement:** Apply diluted natural oils if desired on raw wood

#### FINISHED SURFACE POLISHING

**Multi-coat applications:** Between layers, polish from 1500 up to 3200-3600 to eliminate texture imperfections

**Final surface treatment:** Once fully cured, start with 2400 grade and progress upward

- Matte appearance:** Conclude at 3600
- Medium luster:** Progress to 6000
- Mirror finish:** Complete full sequence to 12000

#### RESTORATION WORK

**Damage repair:** Remove affected area, rebuild with appropriate coating, wet-sand with 1500, add final layer, then polish from 2400 upward

**Sheen matching:** Start with 1800, advance to 3600, then continue until existing finish is matched

## ACRYLIC & PLASTIC RESTORATION

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**Preparation:** Remove jewelry and cover fingernails to prevent surface damage

**Key Guidelines**

- Addresses surface scratches only, not internal discoloration
- Always test on hidden area first
- Maintain pad cleanliness throughout process
- Use pure cotton cloth for cleaning
- Support pad with foam backing block at all times

**Application Method**

- Use straight-line motions only
- Change direction 90° between each grit level
- Ensure complete removal of previous grit marks before advancing
- For contoured surfaces: alternate between diagonal, horizontal, and vertical strokes
- Keep work area cool and use water on thin materials to prevent warping
- Position strong light at angle to monitor scratch removal progress

## MAINTENANCE & BEST PRACTICES

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**Pad Care:** Tap against hand to clear debris, or brush clean with stiff bristles

**Versatility:** Effective both dry (wood) and wet (plastics/acrylics)

**Storage:** Clean thoroughly after use, air dry completely, return to protective packaging

**Sequence Rules:** Always follow numerical order - skipping grades compromises results

**Quality Control:** Take time to inspect work between each stage to ensure thorough scratch elimination

**SUCCESS TIP:** Professional results require methodical progression through all appropriate grades. Rushing the process or skipping steps will show in the final finish quality.