

You said: FLEXIBLE GRINDING WHEEL

A **flexible grinding wheel** is a specialized abrasive tool designed to combine the rapid material removal of a traditional rigid grinding wheel with the blending and finishing capabilities of sanding paper. By conforming to contours and absorbing vibration, these wheels allow operators to achieve exceptionally smooth finishes on a variety of metals, plastics, and stones.

[\[1, 2, 3\]](#)

Key Benefits

- **Contoured Fit:** The wheel flexes under pressure, making it ideal for curved surfaces, weld dressing, and blending corners without gouging the base metal. [\[1, 2, 3\]](#)
 - **Low Vibration:** It dampens vibrations, which drastically reduces operator fatigue and minimizes flat spots on the workpiece. [\[1, 2, 3, 4, 5\]](#)
 - **Cooler Cutting:** Increased airflow and structural flex help dissipate heat, preventing thermal discoloration or warp on sensitive materials like stainless steel. [\[1, 2, 3, 4, 5\]](#)
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