

 **WARNING**
SAFETY GUIDE
FOR AVOS BACK-UP PADS

**Improper use of this Product may cause Product Breakage or Serious Injury.
Follow these Instructions for Proper Use:**

BEFORE USE:

1. Disconnect portable grinder from power source.
2. Check the speed rating (RPM) of the portable grinder. Do not exceed maximum speed rating marked on back-up pad.
3. Use only the AVOS lock-nut designed for mounting these back-up pads.
4. Examine back-up pad thoroughly before mounting on the equipment. Look for signs of damage or irregularities such as fractures, excessive wear, nicks, chips and if found, do not use the pad.
5. Foam and/or rubber back-up pads should be discarded if they were purchased 3 or more years ago.
6. Use a safety guard with the equipment. Follow tool manufacturer's safety instructions in conjunction with the safety instructions provided with the AVOS products.
7. Never use back-up pad or disc larger than the diameter specified by the machine manufacturer.

PERSONAL PROTECTION:

1. Operators and persons in the vicinity of the grinding operation should wear impact-resistant protective glasses with side shields and/or full face shields to avoid injury to eyes or face. See ANSI Standard Z87.1.
2. Remove flammable materials from grinding area to avoid fire that could result from grinding sparks.
3. Operators should wear arm guards, protective gloves, aprons and safety shoes.
4. Sanding generates dust. Excessive dust inhalation may affect the breathing function. To avoid breathing impairment always employ dust controls and/or protective measures appropriate to the material being sanded.

MOUNTING BACK-UP PAD & DISCS

1. Ensure the tool is in **OFF position and disconnected** from power source while mounting product.
2. Inspect pad and abrasive product for damage.
3. Use only the AVOS lock-nut designed for mounting these back-up pads.
4. Place non-abrasive side of the disc onto the face of the back-up pad and insert AVOS lock-nut through the center hole. Triangular shape of lock-nut will align holes in the disc with the holes in the back-up pad. Rotate complete assembly on threaded arbor shaft and draw up tightly using spindle wrench provided by machine manufacturer.
5. To test the back-up pad for concentricity and operating smoothness, **hold machine in a protected environment (steel drum or barrel) with the back side of the pad facing the operator and with the edges of the pad facing the drum.** If wobble or rough operation occurs, do not proceed. Check disc, back-up pad and grinder for balance or defects. Replace as necessary to ensure smooth operation.

6. Never use adhesives to fasten abrasive discs to back-ups. Abrasive discs and back-up pad must always be secured by AVOS lock-nut.
7. Do not stick objects in the scooped holes while mounting or in use.
8. Never use another disc as a back-up pad.
9. Only use AVOS abrasive products with AVOS back-up pads.

PRODUCT USE:

1. Follow the safety instructions furnished with coated abrasive products.
2. Hold the equipment away from operator's body **with the back side of the pad facing the operator and with the edges of the pad facing protective walls.**
3. Turn the equipment on and when it reaches normal operating speed, begin the sanding operation.
4. Do not start equipment with any object protruding from the scooped holes in the product.
5. Always ease the disc onto the work. Operate grinder with disc/pad assembly inclined approximately 5° to 10° to the work surface. Never sand at a steeper angle or with the edge of the disc/pad assembly.
6. If chattering or vibration occurs during use, stop the tool at once. Determine cause of the problem and correct before continuing.
7. Do not sand sharp edges, corners or projections that may snag the edge of the pad/disc assembly.
8. Never use discs with water.
9. Do not set tool down on the floor or bench while still spinning.
10. If grinder is dropped on disc/pad assembly, check disc and pad for damage.

AFTER USE:

1. Ensure the tool is in **OFF position and disconnected** from the power source while removing product.
2. Remove used disc and pad from tool using spindle wrench provided by machine manufacturer.
3. Store in a clean, protected area.

WARRANTIES:

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