



# SR Cutter & SR Radial Bristle Discs

## for Seam Sealant Removal



**Faster, safer, more effective seam sealant removal.** The 3M™ SR Cutter is a plastic rotary cutting tool with an integral metal mandrel, available in diameters of .40 inch and .83 inch. The cutter runs at low speed (850 RPM) on right-angle drills to remove thick polysulfide and polythioether sealants with minimal effect to the underlying paint, primer, alodine or metal. Use together with the 3M™ SR Radial Bristle disc to clean up all remaining sealant.

◀ *The 3M™ SR Cutter removes seam sealants quickly without damaging the surfaces underneath.*

### Applications:

- Removal of sealants from faying surfaces on inspection
- Removal of sealants from access panels on aircraft fuselage and wings
- Removal of sealants from aircraft skins and supporting stringers
- Removal of sealants from internal fuel tanks
- Removal of silicone and RTV sealants from engine cowlings and components

### Product Information:

#### **3M™ SR Cutter**

**Diameters:** .40 inch, (No. 3)  
.83 inch, (No. 8)

**Grades:** Not applicable; no abrasive used

**RPM:** Recommended for use at 850 RPM (MOS=3,200)

**Quantities:** 40 SR Cutters per case

#### **3M™ SR Radial Bristle Discs**

**Diameters:** 2 inch, 3 inch

**Grades:** Not applicable; no abrasive used

**RPM:** Recommended at 12,000 (MOS=20,000)

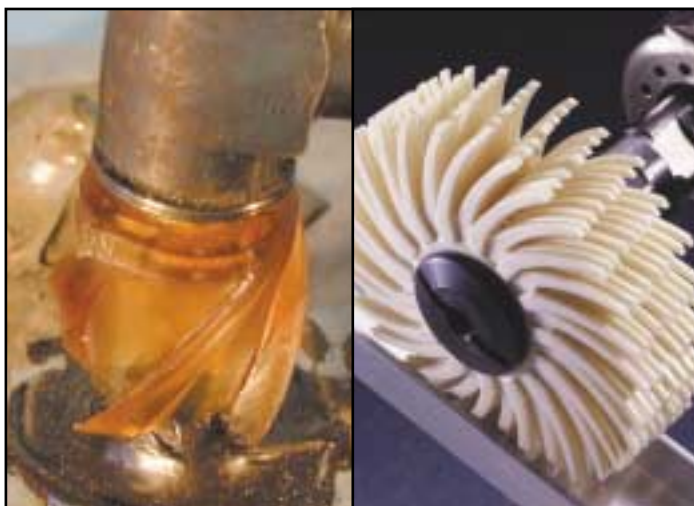
**Quantities:** 40 SR Radial Bristle Discs per case

\*Use the SR Cutter to remove thick ( $> 1/16$  inch) seam sealant

\*Use the SR Radial Bristle Disc to clean up after SR Cutter or to remove thin ( $< 1/16$  inch) seam sealant

# A Better Choice

Critical aircraft maintenance and repair tasks depend on effective seam sealant removal. When airline mechanics need to repair wing panels, repair fuel tanks, or work with many other surfaces, they may first need to remove the sealant from the seams. This task is an integral part of every aircraft mechanic's job. Until now, there were limited choices for removing seam sealant. One was to use chemical solvents, which raise health, safety, and environmental concerns. Solvents take time to work, and can be messy to clean up. The other choice for removing seam sealant was hand scraping, which is slow, expensive, and inconsistent. Scraping by hand may also lead to repetitive-motion stress injuries. In addition, some scraping tools can damage the surfaces under the seam sealant. Wire brushes, for example, can aggressively cut aircraft aluminum and weaken the integrity of the aircraft.



The 3M™ SR Cutter removes thick applications of seam sealant quickly and safely.

The 3M™ SR Radial removes thin applications of sealant.

Now there's a better choice.

The 3M™ SR Cutter eliminates the need for harsh chemicals, which means there's no need for specialized ventilation, or cleanup equipment. It also replaces hand scraping, which saves time, effort, and money while providing smoother results in about half the time.

Along with the 3M™ SR Radial Bristle Disc, which is designed to remove thinner layers of sealant, the SR Cutter speeds and simplifies sealant removal for aircraft maintenance and repair.

| 3M™ SR Cutter<br>Will Remove Thick Coatings of Sealant |                  |               |                |
|--------------------------------------------------------|------------------|---------------|----------------|
| Description                                            | UPC              | Discs/<br>Box | Discs/<br>Case |
| SR Cutter No. 3, .40 inch dia.                         | 00-48011-30096-2 | 5             | 40             |
| SR Cutter No. 8, .83 inch dia.                         | 00-48011-30095-5 | 5             | 40             |

| 3M™ SR Radial Bristle Disc<br>Removes Thin Layers of Sealant Quickly |                   |               |                |
|----------------------------------------------------------------------|-------------------|---------------|----------------|
| Description                                                          | UPC               | Discs/<br>Box | Discs/<br>Case |
| SR Radial Bristle Disc<br>2 x 3/8 40/CS                              | 00-048011-30097-9 | 10            | 40             |
| SR Radial Bristle Disc<br>3 x 3/8 40/CS                              | 00-048011-30098-6 | 10            | 40             |

| 3M™ Bristle Products Accessories                                   |         |                                                                                     |
|--------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|
| Description                                                        | UPC     | Comments                                                                            |
| 3M™ Mandrel #990, 1/4" shank<br>2-3 dia. x 1/8-1/2" Wide x 3/8" CH | 15012-3 | For 2 & 3" (SR)<br>Radial Bristle Discs                                             |
| 3M™ Mandrel #991,<br>2-3 dia. x 3/4-1" Wide x 3/8" CH              | 16847-0 | For 2 & 3" (SR)<br>Radial Bristle Disc                                              |
| 3M™ Roloc™ + Holder ,                                              | 15408-4 | 1"                                                                                  |
| No. 7 Roloc™ + Button ,                                            | 15060-4 | Plastic buttons (red)<br>and mandrels for 2"<br>and 3" (SR) Radial<br>Bristle Discs |
| Roloc + Button<br>Combination Pack 1 and 7                         | 14915-8 | This is a button and<br>holder combined                                             |

## For More Information And Assistance

Call: 1-800-742-9546

### Important Notice to Purchaser

**Product Use:** User is responsible for determining whether the product is fit for a particular purpose and suitable for user's application.

**Warranty and Limited Remedy:** THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF THE COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE.

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**Safety Information:** Always use appropriate protective glasses, face shields and body protection. Do not exceed maximum operation RPM's. Use guards provided with machine. Follow safety operation procedures posted in work areas.



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