



3M™ ESPE™ Sof-Lex™ Diamond Polishing Spirals (beige & pink)

Description

The 3M™ ESPE™ Sof-Lex™ Pre-Polishing Spiral (beige) is indicated to smooth the surface of restorations. The 3M™ ESPE™ Sof-Lex™ Diamond Polishing Spiral (pink) is indicated for final high gloss polishing. Spirals are designed to be used only with 3M™ ESPE™ Sof-Lex™ mandrels.

For a complete list of information and recommendations, please refer to the manufacturer's instructions for use.

Notice

Print and post-process restoration according to the manufacturer's instructions for use.

Application Notes

The restoration should have the desired form and a smooth, clean surface.

Pre-polish: Smooth surface with pre-polishing spiral (beige).

1. A forward handpiece direction is recommended for operation of the Spirals. Running the Spirals in reverse direction can alter the shape of the instruments significantly and reduce polishing effectiveness.
2. Optimum results are obtained with the Spirals are used on wet surfaces, with moderate pressure, and a low-speed handpiece rpm range of 15,000 – 20,000.
 - a. For best results, use medium (30 grams force bends the bristle tips) to moderate pressure (60 grams force causes a significant bend in the bristles) with hand piece speeds of 15,000 – 20m000 rpm (typically the maximum speed on a slow speed handpiece) and keep the instrument in motion over the restoration surface.
 - b. Intermittent to continuous water spray while polishing will keep the polishing surface wet, optimize results and prolong tool life.
3. All surfaces of the Spiral (top, bottom, edge) can be utilized for maximum access to the restorative surface.
4. When satisfied with results, remove wheel from the mandrel by grasping the edge and pulling upwards.
5. Rinse debris from restoration and tooth surfaces.

Polish: High gloss polish with Diamond Polishing Spiral (pink).

1. For highest gloss, place the Diamond Polishing Spiral (pink) onto the mandrel and repeat the pre-polishing steps.
2. After bringing surface to high gloss polish, rinse with water and wipe off restoration surface as necessary.