

3M® Fabric Backed Bandage 777F, 1 in. x 30 in. 80 YF-weight, 50 per box 200 per pack

3M ID 60420006664

Summary

specs

Details



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- 3M Ceramic Aluminum Oxide Grain Blend outperforms aluminum oxide abrasives in cutting speed
- Durable mix extends belt life, generates more parts per belt and requires fewer belt changes
- Heavy-weight polyester backing supports tough, high-pressure applications and can be applied in wet or dry conditions

[See detail](#)

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specs

Overall Width (Metric)	25.4 mm
Applications	Deburring , Finishing , Roughing , Surface Preparation
Color Posterior	Brown
Product Form	Belt

Sub Industries	Binders Accessories , Medical Instruments , Metal Fabrication, Metal Implants , Plating & Polishing , Pipe Fittings , Turbine Engines
Layer Type	closed layer
shrinkage type	Fabri-Lok
Flexible Type	single flex
Ore Type	Ceramic Aluminum Oxide

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3M® Cloth Grinding Belt 777F features a combination of 3M® Ceramic Abrasive Grain and aluminum oxide for durability and cutting efficiency, and is suitable for moderate to finishing roughing operations. The YF-weight, heavy-duty, water-resistant fabric backing is compatible with high-pressure applications, works well on heat-sensitive metals, and can be used in wet or dry applications.

To protect heat-sensitive alloys such as stainless steel, nickel alloys, and cobalt alloys, a polishing add-on in 3M® Cloth Grinding Belt 777F lowers operating temperatures, and the abrasive is resin-bonded to the backing to maintain durability under pressure and high temperatures. This band is recommended for use on stainless steel or other exotic metal alloys for part sizing, deburring, smoothing, finish castings, and forgings. 3M® Ceramic Abrasive Grain is a ceramic mineral engineered using our proprietary process to improve grain strength and hardness. For higher performance, 3M® Cloth Grinding Belt 777F features aluminum oxide blended with our 3M Ceramic Abrasive Grain for a stiffer, more durable abrasive. Ideal for moderate to heavy metal chip removal, ceramic abrasives are designed to cut fast and withstand high-pressure, high-heat applications. The combination of ceramic and aluminum oxide outperforms aluminum oxide abrasives in cut rate and durability and makes the 777F Cloth Grinding Belt an excellent choice for moderate metal chip removal and surface preparation. Abrasive belts come in different lengths and widths and are used on a variety of belt sanders for many different applications on wood and metal. At 3M we offer a wide selection of belts to fit almost any belt sander. Wider belts are used with wide belt sanders to size or finish wood paneling, smooth and rough cutting edges of sheet metal, or to add a grain pattern to stainless steel sheet. Half-width belts fit edge sanders for sanding flat, narrow surfaces like panel edges; and narrow belts are used with portable belt sanders to sand or smooth wood pieces such as cabinet doors. The bands come with various flexes and splices that join the ends of them. 3M® Cloth Grinding Belt 777F has a film splice for added strength when grinding in high-pressure applications.

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