

## What makes 3M™ Cubitron II™ abrasives so special??

Cubitron II premium abrasives are powered by 3M Precision-Shaped Grain (PSG) Technology — the result of decades of technological advances in ceramic abrasive and microreplication technologies. These precision-shaped grains are uniformly sized triangular structures that are super-sharp and evenly distributed onto the backing, allowing them to slice through material. These grains are electrostatically oriented on the backing for the most efficient cut and even wear. As the triangular shaped grain wears, the cutting edge continuously fractures to form new, sharp points and edges that continue to slice through material, wear evenly, provide super-long life and produce a consistent finish. This allows 3M Cubitron II™ belts and discs to run cooler and keep on working—long after conventional abrasives have dulled, shelled, glazed over and been thrown out. Conventional abrasives tend to be irregular and blocky in shape. Instead of a clean, machining action, conventional grain tends to “plow” through material, causing heat to build up both in the workpiece and the abrasive — resulting in a slower cut, shorter abrasive life and a lower quality finish. Cubitron II™ abrasives are available resin-bonded to a stiff, super-tough film backing that offers greater tear resistance than paper discs providing greater durability and edge retention. Cubitron II™ discs and belts lasts significantly longer than conventional abrasive allowing more parts to be sanded per disc with fewer disc changes.

<https://www.youtube.com/watch?v=zYCr8-NR6KM>

