

3M Abrasive Systems



# Knowledge & Innovation

Committed to helping manufacturing companies gain a competitive edge, 3M Abrasive Systems offer expert knowledge and innovative products enabling you to complete processes quickly, more cost effectively and safely.



Customers throughout the UK are now using 3M Cubritron || abrasives and seeing products lasting over 5 times longer, cutting faster and far less pressure required to help reduce operator fatigue over competitors products.

Don't just take our word for it! Gain true cost savings by contacting Elmdale today for a free trial!

**3M**

# CUBITRON™ II

## GRINDING REINVENTED



3M™ Cubitron™ II bonded abrasive grinding and cut-off wheels are revolutionising the cutting and grinding process. They're faster cutting and longer lasting than conventional grinding wheels. With 3M™ precision-shaped grain technology that transforms the process of grinding metal, Cubitron™ II abrasives:

- Cut faster
- Stay sharp longer
- Require less pressure
- Help reduce operator fatigue
- Increase productivity



*Conventional ceramic abrasive grain is irregular in shape. Instead of a clean, machining action, the grain "ploughs" through the metal, causing heat build-up, slower cutting and shorter life.*



*3M™ precision-shaped grain in Cubitron™ II grinding wheels continuously fracture to form sharp points and edges – slicing cleaner and faster, staying cooler and lasting many times longer.*

Belt

# Cubitron II Product Range



Fibre Disc



Flap Disc



Depressed Centre Grinding Wheels



Cut Off Wheel



Cut & Grind Wheel

# Prepared for Perfection

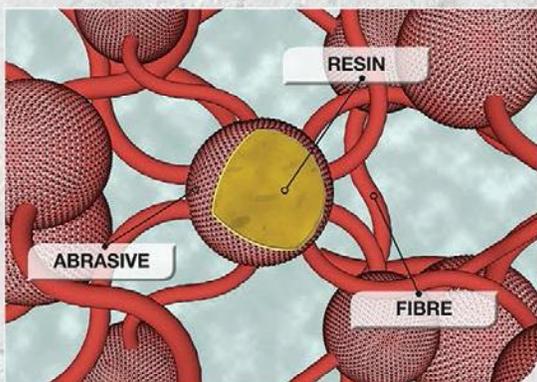


## **The perfect finish starts with Scotch-Brite™.**

Performance. Durability. Reliability. Excellence. We don't release a surface conditioning product until we can guarantee it delivers all four. Because at Scotch-Brite, our standards are as high as yours. After all, if you don't compromise on quality, why should we?

## **Scotch-Brite Non-Woven Technology Explained.**

Our unique Non-Woven Web is the secret to superior performance. It binds together synthetic fibres and abrasive particles to create a conformable, three-dimensional material. Its open structure reduces the risk of warping or discolouring the part, resists loading, improves finish and prolongs the product's life. What's more, our Non-Woven Web is engineered to continually expose fresh abrasive to the work surface, for a consistent, smoother finish – without the risk of overworking the part and disturbing critical tolerances.



### **What makes Scotch-Brite the best you can buy?**

- A tough, non-woven nylon web impregnated with resin and mineral throughout its structure
- Spring-like action produces a smooth, burr-free surface
- Uniform, consistent results with no undercutting
- Suitable for deburring, finishing, cleaning and small weld removal applications
- Easy to use, less reworking, fewer rejects



Handpads

Bristle



Surface Conditioning Disc



Clean and Strip Disc

3M Tools

Roloc Systems

Match and Finish Systems

# System Sells



File Belts and Sanders

Random Orbital Sander and Hookit Disc

Whether you are cutting, grinding, blending or finishing, 3M offers a line of quality air and electric power tools designed to optimize tool and abrasive performance.

**3M**