**3M Abrasive Systems** Grinding and Finishing Solutions Brochure





#### Abrasive Systems Customer Service Group

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# Solutions for grinding and finishing

Weld blending Blending grindlines Refinina Weld cleaning Surface Preparation

#### 3M Fibre Disc Range



3M offers a full range of fibre discs, providing solutions for grinding applications on all types of metal. Choose from discs featuring high performance 3M<sup>™</sup> Cubitron<sup>™</sup> Abrasive Grain for a quick cut and long life, grinding aids for cooler cutting, or 3M<sup>™</sup> Roloc<sup>™</sup> Quick Release fixings for ease of use. Examples include:

- Our premium blended Cubitron fibre disc, 3M 985C, which gives superior performance in all high pressure grinding operations
- Our general purpose, alumina zirconia 3M 581C fibre disc, which offers good performance and a consistent quality finish at an economical price

## **3M Flap Disc Range**



The range of 3M Flap Discs, designed for use on right-angle grinders, offer versatility in most grinding operations such as weld and stock removal, but are also ideal for deburring, deflashing, gate removal, edge chamfering, cleaning, blending and finishing,

- The 3M<sup>™</sup> 574F Flap Disc incorporates high performance alumina zirconia mineral bonded to a durable fibreglass backing, giving great performance on stainless and carbon steel as well as other ferrous and non-ferrous materials
- The 3M<sup>™</sup> 556D Fibre Discs offers good performance in a variety of applications, at a cost-effective price

# 3M<sup>™</sup> Green Corps<sup>™</sup> **Flexible Grinding Disc**



The high performance 3M<sup>™</sup> Cubitron<sup>™</sup> Mineral in our Green Corps Flexible Grinding Disc works harder than regular minerals, giving a much higher rate of cut and improved finish when compared to standard grinding discs.

- Flexible construction and durability enables consistent performance over a longer period of time.
- · Produces minimal levels of noise and vibration, making it easier to use whilst significantly reducing operator fatigue.

## Scotch-Brite<sup>™</sup> Surface Conditioning Discs



## Scotch-Brite<sup>™</sup> **Bristle Disc**

Scotch-Brite<sup>™</sup>

Scotch-Brite<sup>™</sup>

**Pre-cut Handpads** 

Unitised Wheels



A range of surface conditioning discs manufactured from 3M's proprietary Scotch-Brite<sup>™</sup> Web.

- Available in a variety of grades from coarse to very fine.
- Discs can be used in all blending operations and are particularly good for refining grinding marks.

An alternative to wire brushes, chemicals and compounds, this product helps organisations meet demanding safety standards and improve the workplace environment.

- High speed Bristle Discs are ideal for removing stains, weld discolouration and surface contaminants quickly and easily, and can also be used for light deburring.
- Minimal pressure required from the operator.

Scotch-Brite Unitised Wheels are produced by adhesively bonding and compressing Scotch-Brite Web to form a slab, from which wheels are cut.

- Smaller wheels allow intricate burrs to be removed guickly, consistently and safely.
- Generate cost savings against traditional detailing operations as a result of less rework, faster processing and longer life.

A superior line of Scotch-Brite Handpads offering higher cut, longer life and a more consistent finish over standard pads.

- These cost-effective, hand-sized pads are packaged in pre-cut sheets on a roll for ease of use.
- Designed to reduce product wastage.

To find out more about our complete range of abrasive systems please call the 3M Customer Information Team 0870 60 800 90 or visit www.3m.com/uk



