PREMIUM COATED ABRASIVES

KGS Semi-flexible Abrasive Discs

Semi-flexible abrasive discs are used in manual grinding applications in many industries. These discs are primarily used for heavy material removal. Based on the type of abrasive and the design of the disc, typical applications include rough grinding of marble, granite, terrazzo, concrete, ceramic, fiberglass, iron, stainless steel, weld joints, coating, glue, mastic and rust, rust removal, deburring of most metals and removal of barnacles.

Stone Industry

Rust, coating, glue, mastic removal

Weld removal

Hoof repair

Fiberglass

Concrete

Benefits / Advantages

- Very fast cutting and cleaning - Non Loading
- Longer life - Made with multiple layers of abrasive with superior bonding material
- Shapes deliver “cooler” grinding
- Available in most coarse grit sizes.
- Flexible or rigid depending on the body
- Different body material available
  - Traditional Red Fiber (DRY use, flexible)
  - Fiberglass (WET or DRY use, rigid)
## Product Specifications

<table>
<thead>
<tr>
<th>Type of Abrasive</th>
<th>Available Grits</th>
<th>Application Suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>“C” Black silicon Carbide</td>
<td>16, 24, 36, 60, 80, 120</td>
<td>Marble, Granite, Terrazzo, Concrete, Fiber-Glass Bodies, Mastic, Glue and Coating Removal.</td>
</tr>
<tr>
<td>“CV” Green Silicon Carbide</td>
<td>60, 100, 150</td>
<td>Granite and very hard Stones</td>
</tr>
<tr>
<td>“A” Aluminium Oxide</td>
<td>16, 24, 36, 60, 80</td>
<td>Iron, Stainless Steel, Welds, Cleaning off Rust, Deburring and most metal applications</td>
</tr>
</tbody>
</table>

### Backer type

- **“RF” Red Fiber**
  - For Dry use
  - Very Flexible
  - Back-Up Pad required

- **“FG” Fiber Glass**
  - For Wet or Dry use
  - More Rigid
  - No Back-Up Pad required

### Shape type

- **“FL” Flat**
  - Type 27

- **“FL+” Flat with holes**
  - Type 27

- **“B+” Domed with holes**
  - Type 29

### Surface pattern

- **“ES” Smooth cutting**
- **“MO” Aggressive cutting**

### Availability

<table>
<thead>
<tr>
<th>Body</th>
<th>Ø 115 / 4.5”</th>
<th>Ø 127 / 5”</th>
<th>Ø 178 / 7”</th>
<th>Ø 230 / 9”</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF / FL</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>RF / FL+</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>RF / B+</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>FG / FL</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>FG / B</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

All discs have bore size 22.2 / 7/8”

### How to order

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Abrasive</th>
<th>Grit Size</th>
<th>Body</th>
<th>Abrasive Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 115</td>
<td>C</td>
<td>16</td>
<td>RF / FL</td>
<td>ES</td>
</tr>
<tr>
<td>Ø 127</td>
<td>CV</td>
<td>24</td>
<td>FG / B</td>
<td>MO</td>
</tr>
</tbody>
</table>

Using the above product codes.