PRODUCT INFORMATION
Iron Chrome 29 cored wire is designed to produce very dense, highly erosion resistance surfaces that can be used to resist chemical attack from corrosive environments, even at elevated temperatures. The coating can also be honed or lapped to high surface finishes.

NOMINAL CHEMICAL COMPOSITION (%)

<table>
<thead>
<tr>
<th>Element</th>
<th>Composition (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fe</td>
<td>Bal</td>
</tr>
<tr>
<td>Cr</td>
<td>29.0</td>
</tr>
<tr>
<td>Mn</td>
<td>2.0</td>
</tr>
<tr>
<td>B</td>
<td>4.0</td>
</tr>
<tr>
<td>Si</td>
<td>2.0</td>
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</tbody>
</table>

APPLICATIONS
- Boiler tubes and tube shields
- Yankee Dryer Rolls
- Anti-skid
- Fan Blades
- Drill Collars

SURFACE PREPARATION
Surface should be clean, white metal, with no oxidation, oil, grease or dirt on the surface. Recommended method of preparation is to grit blast with 24 mesh aluminum oxide, rough grind, or rough machine in a lathe. Note: It is best not to handle the surface after cleaning.

WIRE PROPERTIES
- Ø Wire: 1/16 inch (1.6mm)
- Morphology: Composite

COATING FEATURES (nominal data)
- Hardness: HRC 55-60
- Bond Strength: 6000 PSI
- Coverage: 1 oz/ ft²/ mil
- Deposition Efficiency: 70%

PACKAGING
- Spool: Paperboard
- Weight: 25 lbs ± 1 lb.

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