

E-Fill 2801

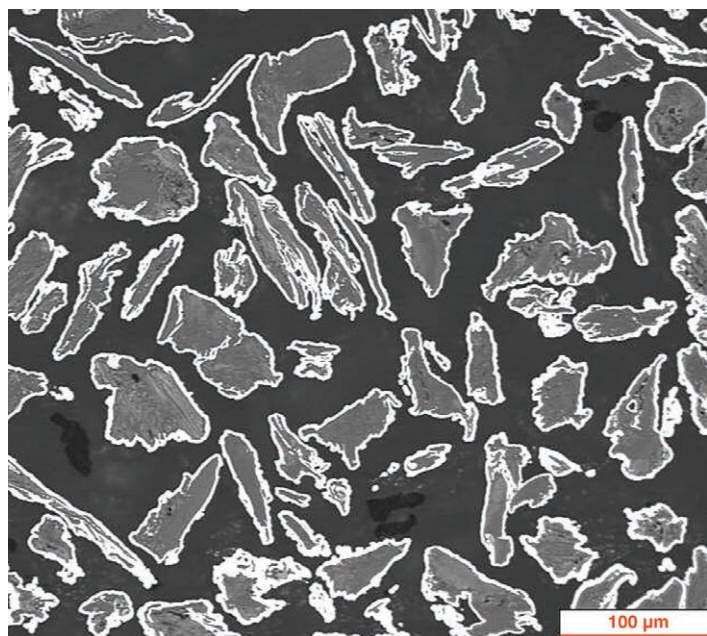
75% Nickel Coated Graphite 75Ni / C25 — Conductive Grade

The shielding effectiveness of Metco's E-Fill™ 2801 is comparable to that of silver plated materials at a fraction of the cost.

Oerlikon Metco's specialized EMI/RFI shielding material, E-Fill 2801, is optimized for use in extruded, molded and sheet gasket applications where a higher nickel concentration is desired.

E-Fill 2801 excels in applications where coated flanges are used. The angular shape of E-Fill 2801 coupled with Oerlikon Metco's proprietary hard nickel coating give gaskets the "bite" needed to ensure optimal electrical contact.

Oerlikon Metco's aluminum compatible E-Fill 2801 offers enhanced galvanic corrosion resistance and stability in severe environments.



Screen Analysis

Tyler Mesh Size	Typical Value % by Mass
+100	0
-100 +150	< 1
-150 +170	< 3
-170 +200	< 10
-200 +270	60 to 70
-270 +325	10 to 12
-325	10 to 15

Microtrac

	Typical Value Microns (µm)
D10	45
D50	80
D90	131

Additional Information

Volume Resistivity	< 30 mΩ·cm (in silicon rubber)
True Particle Density	5.1 g/cm ³ typical
Apparent Density Hall (ASTM B212)	1.6 to 1.8 g/cm ³ typical
Standard Packaging	25 kg net in plastic pails