

## **E-Fill 2805**

### 75 % Nickel Coated Graphite

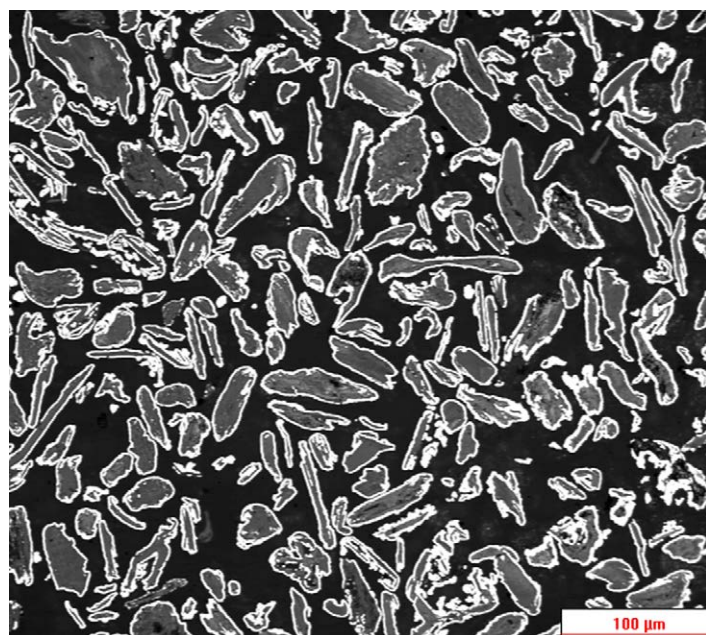
### 75Ni / C25 — Conductive Grade

The shielding effectiveness of Oerlikon Metco's E-Fill™ 2805 is comparable to that of silver plated materials at a fraction of the cost.

This specialized EMI/RFI shielding material, E-Fill 2805, is optimized for use in dispensed and screened applications where a higher nickel concentration is desired.

E-Fill 2805 excels in applications where coated flanges are used. The angular shape of E-Fill 2805 coupled with Oerlikon Metco's proprietary hard nickel coating give gaskets the "bite" needed to ensure optimal electrical contact.

Aluminum compatible E-Fill 2805 offers enhanced galvanic corrosion resistance and stability in severe environments.



#### Screen Analysis

<b>Tyler Mesh Size</b>	<b>Typical Value % by Mass</b>
+150	0 max.
+170	3
-325	> 75

#### Microtrac

	<b>Typical Value Microns (μm)</b>
D10	25
D50	50
D90	90

#### Additional Information

Volume Resistivity	< 30 mΩ·cm (in silicon rubber)
True Particle Density	5.0 g/cm <sup>3</sup> typical
Apparent Density Hall (ASTM B212)	1.4 to 1.7 g/cm <sup>3</sup> typical
Standard Packaging	25 kg net in plastic pails
Safety Data Sheet (SDS)	50-1293

Information is subject to change without prior notice.