

E-Fill 2701

60% Nickel Coated Graphite

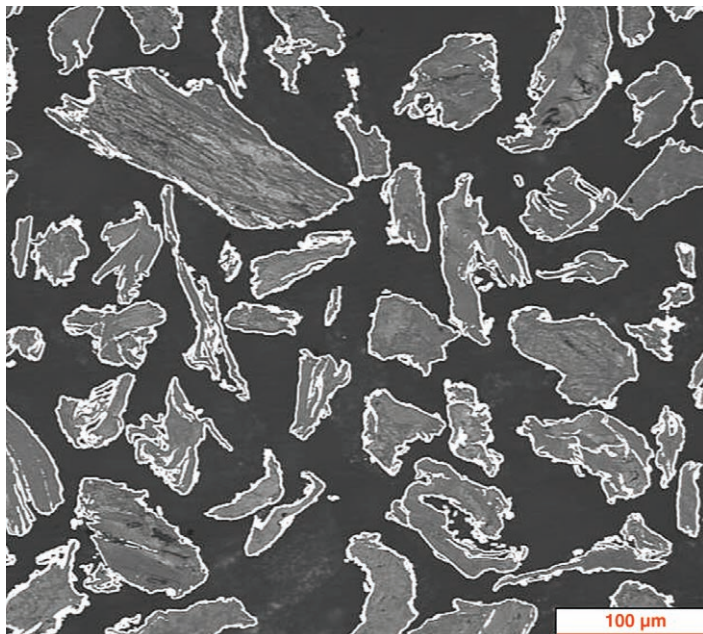
60Ni / C40 — Conductive Grade

The shielding effectiveness of Oerlikon Metco's E-Fill™ 2701 is incomparable to that of silver plated materials at a fraction of the cost.

Oerlikon Metco's specialized EMI/RFI shielding material, E-Fill 2701, is optimized for use in extruded, molded and sheet gasket applications where a lower density filler is desired.

E-Fill 2701 excels in applications where coated flanges are used. The angular shape of E-Fill 2701 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 2701 offers enhanced galvanic corrosion resistance and stability in severe environments.



Screen Analysis

Tyler Mesh Size	Typical Value % by Mass
+100	0
-100 +150	8 max.
-150 +200	40
-200 +250	25
-250	35 max.
-325	25
-325 +400	< 3
-400	< 1

Microtrac

	Typical Value Microns (µm)
D10	60
D50	100
D90	165

Additional Information

Volume Resistivity	< 30 mΩ·cm (in silicon rubber)
True Particle Density	4.0 g/cm ³ typical
Apparent Density Hall (ASTM B212)	1.25 to 1.35 g/cm ³ typical
Standard Packaging	25 kg net in plastic pails