Product Overview
Teflon™ FEP (fluorinated ethylene propylene copolymer) coatings provide outstanding low-temperature toughness and unique flame resistance. Maximum use temperature is 400° F. FEP nonstick coatings melt and flow during baking to provide nonporous films, which makes them a natural choice for applications that require chemical resistance, release, and abrasion resistance. In addition to low friction, FEP coatings have excellent nonstick properties. FEP is available in water-based liquid and powder forms. Teflon™ FEP topcoats provide nonstick, chemical, and corrosion resistance.

Features & Benefits
- Powder and water-based
- Typically a primer and topcoat system
- Typical film thickness is 1.0 - 10 mils
- Maximum in use temperature of 400° F
- Nonporous film

Performance & Properties
- Excellent Nonstick
- Good Chemical Resistance
- Low Coefficient of Friction
- High/Low Temperature Stability

Chemistry
Fluorinated Ethylene Propylene, a melt-flowable copolymer of TFE and Hexafluoropropylene

## FEP Topcoats

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Color</th>
<th>FDA</th>
<th>DFT (mils)</th>
<th>Coverage</th>
<th>Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>856G-200</td>
<td>Standard Grade</td>
<td>Clear</td>
<td>Yes</td>
<td>2</td>
<td>686</td>
<td>Water</td>
</tr>
<tr>
<td>856G-204</td>
<td>Standard Grade</td>
<td>Green</td>
<td>No</td>
<td>2</td>
<td>655</td>
<td>Water</td>
</tr>
<tr>
<td>532G-8110</td>
<td>Standard Grade</td>
<td>Clear</td>
<td>Yes</td>
<td>5</td>
<td>89</td>
<td>Powder</td>
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<tr>
<td>532G-8410</td>
<td>High Molecular Weight</td>
<td>Clear</td>
<td>Yes</td>
<td>10</td>
<td>89</td>
<td>Powder</td>
</tr>
</tbody>
</table>

Application Process
Applied over approved primers. Spray coating over grit blasted and primed substrates. Flexible cure schedules from 575° F - 700° F can be achieved by adjusting time. Products can be applied in multiple coats. See Fact Sheets for application information

Product Information
- **Availability:** Next day shipping by Intech
- **Ordering:** Online, fax, and phone
- **SDS & Fact Sheets:** Always accessible at intechservices.com

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