SpectraGuard™ 350 combines PWT’s Dendriplex™ technology with specially selected phosphonates enabling superior carbonate, sulfate, and silica protection in feed waters with high suspended solids loading. This high performance formulation provides superior scale inhibition, allowing lower dosage rates compared to traditional phosphonate chemistries. SpectraGuard™ 350 is ideally suited for high salt, silica and colloidal foulant feed streams by ensuring stable performance with complete control of the feed water chemistry.

Features / Benefits

• Using a proprietary blend of dendriplex™ technology and phosphonates this formula provides added control of membrane fouling in waters with high salts, high silica and colloidal foulants
• Higher performance allows for lower dose rates than existing formulations
• Stable molecular structure maintains integrity in high pH, high temperature and high salinity applications
• Classified for use in membrane systems producing drinking water (ANSI/NSF Standard 60)

Uses

• Control of calcium carbonate, calcium sulfate, barium sulfate, calcium fluoride, silica, and hydroxides of iron and aluminum

Specifications

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Amber liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH (1% solution)</td>
<td>2.00 – 3.00</td>
</tr>
<tr>
<td>Density (kg/liter)</td>
<td>1.00 – 1.20</td>
</tr>
</tbody>
</table>

Packaging

Pail: 5 gallon/18.9 liter  
Drum: 55 gallon/208 liter  
Tote: 275 gallon/1,040 liter  
Bulk: available upon request

For special packaging options, please contact PWT or your local distributor.
General Mixing & Application Instructions for SpectraGuard™ 350

1. Typical dose rates are 1.0 to 5.0 mg/l

2. Contact Professional Water Technologies™ or your local distributor for custom chemical dosing recommendation

ProDose XPRT™ – Scaling Prediction Software

ProDose XPRT™ uses the most accurate scaling prediction calculations available to accurately determine effective antiscalant dosage, and cleaning chemical usage. The user can enter multiple cases to study various operating conditions, directly enter concentrate analysis, and select the best PWT product and dosage for the application.

*ProDose XPRT™ is available upon request only. Please contact your PWT representative for more information.*