



FilterX™ 5110 is an organic coagulant that improves the efficiency of multi-media filtration processes to increase the removal of colloidal solids.

### Features / Benefits

- Compatible with SpectraGuard™ 250 antiscalant and other phosphonate-based antiscalants
- Compatible with, and will not foul, polyamide membranes
- Minimizes backwash waste as compared to metal salts
- Classified for use in membrane systems producing drinking water (ANSI/NSF Standard 60)

### Uses

- Proven to increase efficiency of colloidal removal in direct filtration systems
- Typical dose range 1.0 to 10.0 mg/l

### Specifications

Appearance	Straw colored liquid
pH	5.00 - 7.00
Density (kg/liter)	1.00 - 1.05



### 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.*

**FilterX™ 5110**  
LIQUID, MEDIUM MOLECULAR WEIGHT ORGANIC COAGULANT

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## General Mixing & Application Instructions for FilterX™ 5110

1. Overdosing of coagulants may cause reduction in filtration efficiency.
2. Call Professional Water Technologies™ or your local distributor for custom chemical dosing recommendation.

**NOTE:** Use of incompatible antiscalants may cause a gelatinous foulant on the membrane. Please contact Professional Water Technologies™ on the proper chemical program across the entire membrane system.

## ProDose XPRT™ – Scaling Prediction Software

PWT proprietary scaling prediction software, ProDose XPRT™ provides immediate dosage capabilities for our specialty chemicals. The software can create cases to study multiple operating conditions, and directly enter concentrate analyses leading to the optimal selection of PWT product and dosage. ProDose XPRT™ can generate complete and comprehensive reports detailing the scaling projections.

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

PWT ProDose

**PWT**

UNITS: US | TEMPERATURE: Fahrenheit | FERMEATE FLOW: 81.00 | RECOVERY: 75.0% | ANTISCALANT: SpectraGuard Liquid | DOSAGE: 2.95 PPM | SOURCE: Well Water | PROJECT NAME: Project 1 | CASE: 1

**PROJECT INFORMATION**

**OVERVIEW**

CLIENT NAME: City of San Diego  
PROJECT NAME: Project 1  
LOCATION:   
PREPARED BY:   
DATE: 5/1/2016  
WATER TYPE: Well Water

**MEASUREMENTS**

PRESET UNITS: CGS | Metric | U.S.  
TEMPERATURE: Deg F  
FLOW RATES: Gal/min  
MASS UNITS: lb

**TOTAL CASES (1 AVAILABLE)** Max 9

Cases	Modified Date
1	5/27/2016

**Selected Case Description**