



*Silica – Colloidal Silica and Reactive Silica*

*Colloids – Colloidal Silt and Particulate Materials*

*Organics – Hydrocarbons, Cellulose, Lignins, Dyes, Waxes, Paraffins, Paper Pulp, Heavy Oils, Light Oils*

*Biological – Aerobic Bacteria, Anaerobic Bacteria, Iron-Related Bacteria, Slime-Related Bacteria, Sulfate-Related Bacteria*

*Inorganics – Calcium Carbonate, Calcium Sulfate, Calcium Phosphate, Strontium Sulfate, Barium Sulfate, Iron, Aluminum, Metals*

THIN-FILM COMPOSITE	CELLULOSE ACETATE	RO PRETREATMENTS	LIQUID	POWDER	PRODUCT DESCRIPTION	SILICA	COLLOIDS	ORGANICS	BIOLOGICAL	INORGANICS
●	●	SpectraGuard	●		High performance antiscalant & stabilizer controls inorganics, metals, colloids. Compatible with all PWT pretreatments.	●	●			●
●	●	Titan ASD 200	●	●	Economical medium performance antiscalant & stabilizer. Compatible with all PWT pretreatments.		●			●
●	●	MetaGuard		●	High performance antiscalant & stabilizer controls inorganics, metals, colloids. Compatible with all PWT pretreatments	●	●			●
●	●	BioGuard ACS	●	●	High performance biological control for online injection or periodic hotshots. Compatible with all PWT pretreatments				●	
●	●	OrganoGuard	●	●	High performance organic control pretreatment for online injection. Compatible with all PWT pretreatments.			●		
<b>MEMBRANE CLEANERS</b>										
●	●	Lavasol I	●		Highly concentrated membrane cleaner for inorganics. May be mixed with Lavasol V.					●
●		Lavasol II	●		Highly concentrated membrane cleaner for biological growth and colloids. Compatible with TFC type membranes.		●	●	●	
	●	Lavasol III	●		Highly concentrated membrane cleaner for biological growth and colloids. Compatible with CA type membranes.		●	●	●	
●	●	Lavasol IV	●		Highly concentrated membrane cleaner for organics. Compatible with TFC type membranes.			●		
●	●	Lavasol V	●		Highly concentrated membrane cleaner for silica fouling. Compatible with TFC and CA membranes.	●				
●	●	OptiClean A		●	Highly concentrated membrane cleaner for inorganics. May be mixed with OptiClean S. Compatible with CA & TFC.					●
●		OptiClean B		●	Highly concentrated membrane cleaner for biological growth, organics, colloids. Compatible with TFC type membranes.		●	●	●	
	●	OptiClean C		●	Highly concentrated membrane cleaner for biological growth, organics, colloids. Compatible with CA type membranes.		●	●	●	
●	●	OptiClean S		●	Highly concentrated membrane cleaner for silica fouling. Compatible with TFC and CA membranes.	●				

*In pretreatment section:*

*FilterRx 5 series – Filter-aids in organic polymer only formulations. Reduces solid waste in the backwash of media filter systems.*

*FilterRx 6 series – Filter-aids in blends of organic polymers with ferric sulfate; applied where higher organic content in feed water.*

*BioGuard Shock – Quick acting, non-oxidizing biocide for intermittent treatment.*

*BioGuard ISO – Non-oxidizing biocide for continuous injection.*