

XIAMETER® Silicone Foam Control by Application

Global Application Guide

Silicone foam control products from the XIAMETER® brand have been designed to safely and efficiently reduce problems with foam during process or as formulator aid. This guide features a number of silicone antifoams by application. Remember, every foaming situation is unique. The products listed may or may not be appropriate for your application. For specific foam-control product recommendations, contact us through our website: <https://www.xiameter.com/en/Customersupport/Pages/ProductSupport.aspx>

Product technical data sheets and selection guides are also available at www.xiameter.com. If you are interested in Dow Corning® brand specialty antifoam solutions for health care and coating/paint/ink applications, please visit www.dowcorning.com.

Here are the key questions to ask to identify the best product to select your antifoam:

- What is your market, process?
- Is your system sensitive to silicone?
- What is the foam negative impact?
- Which antifoam performances are needed?
- At what stage of the process does the foam occur?
- What is the foaming solution?
- What is the temperature of foaming solution?
- How is the foam generated?
- Is an antifoam currently used?
- Regulation requirement?

Application	Product	Type	Details
Agro	XIAMETER® ACP-0100 or ACP-1400 or ACP-1500	Compound	Agrochemicals pesticide or herbicide
	XIAMETER® AFE-1510 or AFE-1520	Emulsion	Agrochemicals pesticide or herbicide
Bio-ethanol Production	XIAMETER® AFE-1520	Emulsion	Fermentation antifoam
Chemical Manufacturing	XIAMETER® ACP-0100 or ACP-1400	Compound	Poly Propylene refinery, Epoxy resin manufacturing
	XIAMETER® AFE-1520	Emulsion	Expanded Poly Styrene process (beverage cup)
	XIAMETER® AFE-1520	Emulsion	Latex
	XIAMETER® AFE-0700	Emulsion	Nylon production
Construction	XIAMETER® ACP-1266	Compound	Super plasticizer antifoam
	XIAMETER® ACP-0100	Compound	Super plasticizer antifoam
	XIAMETER® AFE-2210	Emulsion	Super plasticized mortar antifoam
	XIAMETER® AFE-0400	Emulsion	Super plasticized mortar antifoam
	XIAMETER® AFE-7600	Emulsion	Metal Working fluid
	XIAMETER® AFE-1247	Emulsion	Metal Working fluid
	XIAMETER® ACP-1266	Compound	Metal Working fluid
Cosmetic	XIAMETER® AFE-1510 or AFE-1520	Emulsion	Hair care applications. Process aid : foam control during Shampoo production. Formulation aid : hair-dye, oil for hair and Body scrub.
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Household	XIAMETER® AFE-0110 or AFE-0310 or AFE-1410, or AFE-1430	Emulsion	Deaeration, Liquid Detergent, Fabric softener
	XIAMETER® ACP-1400 or ACP-0100	Compound	Liquid Detergent, Slurry Deaeration
	XIAMETER® ACP-0544	Compound	Liquid Detergent, Slurry Deaeration
	XIAMETER® ACP-3425	Compound	Liquid Detergent, Slurry Deaeration
	XIAMETER® APW-4248	Powder	Powder Detergent
Oil and Gas	XIAMETER® AFE-0110 or AFE-1410	Emulsion	Gas treatment, Drilling mud, Waste water treatment
	XIAMETER® FBL-1165	Dispersion	Gas oil separator , Delayed coker
Paint/Coating/Ink	XIAMETER® AFE-2210	Emulsion	Low cost deaerator/antifoam
Paper tissue	XIAMETER® AFE-0100	Emulsion	Wipes antifoam
Pulp and Paper	XIAMETER® ACP-3258	Compound	Softwood and Hardwood Pulp Aid
	XIAMETER® ACP-3056	Compound	Softwood Pulp Aid
	XIAMETER® AFE-3101	Emulsion	Softwood Pulp Aid
	XIAMETER® AFE-7500	Emulsion	Softwood and Hardwood Pulp Aid
Textile	XIAMETER® ACP-0544	Compound	Jet Dyeing, Finishing, Polymerisation
	XIAMETER® AFE-0050	Emulsion	Desizing, Dyeing, Jet Dyeing, Finishing
	XIAMETER® ACP-1266	Compound	Sizing, Desizing, Scouring, Dyeing, Printing, Finishing, Polymerisation.
	XIAMETER® ACP-1400 or ACP-0100	Compound	Sizing, Desizing
	XIAMETER® ACP-3183	Compound	Sizing, Manufacturing
	XIAMETER® AFE-0700	Emulsion	Sizing, Desizing, Dyeing, Printing
	XIAMETER® AFE-0400	Emulsion	Sizing, Dyeing, Finishing, Manufacturing
	XIAMETER® AFE-1430 or AFE-0310	Emulsion	Desizing, Finishing, Manufacturing
Waste treatment plant	XIAMETER® AFE-1520	Emulsion	Including biological methods such as anaerobic and aerobic digestion (activated sludge) to treat the waste water.
	XIAMETER® AFE-0110 or AFE-0310	Emulsion	Physical methods such as sedimentation to treat the waste water. Chemical methods such as oxidation to treat the waste water. In the sludge conditioning tanks of waste water treatment plants.

Contact Us

Visit www.xiameter.com to learn more about the many product options available to you from the XIAMETER® brand.

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