

Technical Information

Starkote AQ-703 Aqueous Coating

Characteristics	Gloss Low VOC Designed for High Quality Commercial Work, Labels and Folding Cartons
Work & Turn	Yes
Substrate	Paper / Board
Application	Litho, Flexo, Gravure
Equipment	Tower, Blanket, Dampener & Anilox Coaters
VOC's	.03 Lbs. per Gallon
Drying Speed	Fast
Viscosity	#3 Zahn Cup in Seconds @ 74°F ¹ 15-18 ² 19-22 ³ 23-26
Solids	38% ± 3%
Weight per Gallon	8.7 ± 0.1 Lbs. per Gallon
Special Properties	Block Resistance 2 PSI / 160°F / 16 Hours Slide Angle of 20° ± 2° for Ideal Handling Glueable with Fiber Tear Face to Back Rub Resistance 250 Cycles / 500 Rubs with Sutherland Rub Test-4.0 Lb. Wt.
Cleaning	Please clean machine and tools immediately with water Clean dried film with Aqueous Coating Cleaner
Storage	Freeze Thaw Stability – 1 Cycle Store in original packaging
Notes	Performance Characteristics will vary depending upon coating film weight, substrate porosity and type of litho ink used. Aqueous coatings have the potential to fade inks that are not alkali resistant and must be tested for compatibility with inks and substrate before use. Reflex blue, rhodamines and fluorescent pigments are susceptible to color shift or bleeding and should be made with fade resistant pigments to prevent potential color shifting. Please consult with your ink manufacturer to ensure the correct inks and pigments are selected to use with aqueous coatings. Inks should be wax and silicone free to promote intercoating adhesion.

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