



Product Data Sheet

AQUATAC™ XR4324

AQUATAC™ XR4324 is a unique waterborne tackifier combining high solids content with high adhesion performance and a low surface tension.

AQUATAC™ XR4324 is compatible with acrylics and carboxylated SBR lattices. Pressure sensitive adhesives formulated with XR4324 will have aggressive tack and peel as well as excellent shear properties even after ageing.

AQUATAC™ XR4324 coats well at high speeds on Reverse Gravure, Slot Die and Curtain Coaters. XR4324 is especially designed to be formulated in pressure sensitive adhesives without the addition of additional wetting additives. The unique surfactant system used in XR4324 enables the product to be blended and applied immediately to the coater.

FEATURES	BENEFITS
Unique surfactant system	Enhanced adhesive physical properties, Improved ageing resistance, Resistance to humidity, out without the use of wetting agents, flexible adhesive formulating.
Higher solids	Lower freight costs
Low colour/odour of base resin	Better acceptance of finished product
Excellent mechanical stability	Ease of clean up Excellent coatability at high speed

SUGGESTED APPLICATIONS (Waterborne)

- Pressure sensitive labels
- Pressure sensitive tapes
- Construction adhesives for flexible substrates

PROPERTIES- BASE RESIN	SPECIFICATIONS
Softening Point, Ring & Ball, °C	80-85
Colour, Gardner 63, 1:1 in toluene	max 3
Acid number, ASTM D 803-65	max 20
	TYPICAL VALUES
Volatility, % (6 h at 180 °C)	0,25
Glass transition temp. °C (DSC)	34



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PROPERTIES-DISPERSION	SPECIFICATIONS
Solids content, %	58-60%
Viscosity ¹ , mPa·s	250 - 800
pH	7.5-8.5
	TYPICAL VALUES
Density at 20 °C, kg/m ³	1020
Particle size, microns	< 0.5
Appearance	Off white (free of grit)

¹. Brookfield RVT100 # 3 Spindle @ 60 RPM @ 25°C.

COMPATIBILITY	AQUATAC [®] XR4324 Resin Dispersion is compatible with acrylics, and carboxylated SBR lattices over a wide pH-range.
FDA STATUS	AQUATAC [®] XR4324 is approved for use under the following section of Title 21 (Food and Drug) of the Code of Federal Regulations: 175.105 Adhesives
SHIPPING AND STORAGE	AQUATAC [®] XR4324 is solvent-free and must be protected from freezing. In addition, all containers must be kept closed to prevent skin formation which would require filtering
SHELF LIFE	6 months after dispatch from the plant.
AVAILABLE FORMS/PACKAGING	IBC (1000lt) containers or Bulk Delivery
SAFETY INFORMATION	Please refer to Safety Data Sheet



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