



ECO-FRIENDLY LATEX RUBBER EMULSIONS

Eco-friendly latex rubber emulsions are widely used in latex gloves and can be used to manufacture adhesives, cord dipping, anti-corrosion media products, moisture-proof cloth, food packaging paper coating, glue, coatings, sealants, bonding and caulking, rat glue, butyl hot melt adhesive, etc., They can also be used for waterproof coating modifications; used as a modifier they can improve the elasticity and viscosity of many anionic emulsions. Additionally, they can be used as a coating of various fabrics and non-woven fabrics to enhance barrier properties, improve fabric strength and handling performance. Some typical commercial/industrial applications include use in awnings, tents, carpet backings, protective clothing, and upholstery. Some typical medical applications are use in bed linens, operating room clothing, hospital gowns and incontinence pads.

Product Features

Environmentally friendly - can be washed with water; No VOC's; Non-flammable.

Hypoallergenic - user-friendly; allergen free formulations.

Low Air Permeability - provides air tightness for air and most gases.

Weather resistant - resistance to the effects of exposure to the outdoor environment; Maintains its physical and mechanical properties after aging.

Chemical resistant - can withstand the corrosion of various industrial chemicals; Provides excellent waterproofing and silicone fluid performance in industrial and commercial applications.

Abrasion resistant - prolongs the abrasion resistance of the fabric; Improve fabric strength and washability.

Versatility - compatible with a wide range of anionic emulsions and fabrics; the natural properties of the fabric are preserved.

PRODUCT NAME:	Regular Butyl rubber latex				Polyisoprene emulsion	Bromo Butyl rubber latex		Chloro-sulfonated polyethylene emulsion
	IIRL-30	IIRL-40	IIRL-50	IIRL-55	IRL-60	BIIRL-45	BHRL-55	
PARTICLE SIZE/um	0.5-2.0		0.5-2.5				1.0-3.0	
TOTAL SOLIDS	30-35	40-44	45-50	51-55	55-65	40-45	50-55	45-55
RELATIVE DENSITY	0.9-0.91				0.9-0.92	0.9-0.91	0.9-0.93	1.07-1.20
PH	10 - 12				11 - 12	10 - 12		9 - 10
APPEARANCE	White liquid							
VISCOSITY	10-20		30-50	50-100	50-150	100-200	200-300	<500
STORAGE CONDITIONS	Store away from light, temperature 5°C-40°C							
STORAGE STABILITY	≤12 months							
CHEMICAL STABILITY	Meets impregnation requirements							
MECHANICAL STABILITY	> 1000's		> 1800's		> 1500's	> 1800's		> 1000's