

# Eco-Friendly Latex Rubber Emulsions

## Applications

ChemPacifiC offers a number of Eco-Friendly Latex Rubber Emulsion products for a variety of industrial manufacturing applications. Currently, these products are widely used in the production of latex gloves. These emulsions provide improvements to process & performance of finished products such as enhanced barrier properties, improved fabric strength, increased handling features, and elasticity & viscosity of many anionic emulsions.

### Protective & Safety Workwear

- Industrial Latex Gloves
- Fabric Gloves with Latex Coating
- Moisture Resistant Clothing

### Medical PPE

- Medical Latex Gloves
- Gowns & Aprons
- Incontinence Pads
- Bed Linens

### Paints, Coatings & Adhesives

- Food Packaging Paper Coating
- Water-based Latex Paint
- Glue Manufacturing



## 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.



### Abrasion resistant

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



### Weather resistant

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



### Versatility

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



### Chemical resistant

can withstand the corrosion of various industrial chemicals: Provides excellent waterproofing and silicone fluid performance in industrial and commercial applications.



### Coagulant Dip

compared with oil-based glove processing, water-based latex processing is more environmentally friendly and efficient.

## ChemPacifiC Latex Rubber Emulsions Products

	Regular Butyl Latex				Polyisoprene Emulsion	Bromo Butyl Latex		Chloro-Sulfonated Polyethylene Emulsion
	IIRL-30	IIRL-40	IIRL-50	IIRL-55	IRL-60	BIIRL-45	BIIRL-55	CSM
Particle Size /μm	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° - 40°C							
Storage Stability	≤12 months							
Chemical Stability	Meets impregnation requirements							
Mechanical Stability	>1000's		> 1800's		>1500's	> 1800's		> 1000's