

Personal Care

<ul style="list-style-type: none"> ● = Best PCCs ○ = PCCs That Are Also Useful 	CalEssence® PCCs						ViCALity® PCCs						VICRON® Food Grade Limestone		
	70	80	160	300	450	1500	ALBAFIL® PCC	ALBAGLOS® PCC	Extra Light	Light	Medium	Heavy		Extra Heavy	Ultra Heavy
✓ = Consider VICRON® FG Limestone Here															
Creams, gels & lotions – high viscosity									●	●	●				
Creams, gels & lotions – medium viscosity							●	●							
Creams, gels & lotions – low viscosity												●	●		
Toothpastes – General purpose												●	●	●	✓
Toothpastes – specialty: bridgework and sensitive							●	○							

Chemicals & Rubber

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Absorbents:															
Powders, Carriers							○	○	●	○	○				✓
Chemicals:															
Calcium salt synthesis	●	○	●				●	○	●	○	○				✓
Neutralization							●	○	●	○	○				✓
Water treatment							●	○	●	○	○	○	○	○	✓
Rubber Detackification:															
Condoms, surgical and laboratory gloves, slab dip, rubber crumb dusting							●	○	●						



IS-1104

Precipitated Calcium Carbonates For Nutritional, Foods, Drugs & Personal Care

PCC Applications Selection Guide

Nutritional Supplements

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Effervescent	●	○	●	○			●	○	●			○			
Granulations				○	●	●						○	●	●	
Hard confectionery, Lozenges	●	○					●	○							
Liquids, Meal Supplements	●	○	○				●	○	○						
Powdered mixes	○		●				○		●						
Soft chews	●	○	●	○			●	○	●			○			
Soft gels					○	●							○	●	
Tablets – chewable	○	○		●	●	●	○	○				●	●	●	
Tablets – swallowable				○	●	●						○	●	●	
Vitamin / Mineral premixes				○	●	●						○	●	●	

Foods

	CalEssence® PCCs						ViCALity® PCCs						VICRON® Food Grade Limestone		
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Animal and pet kibble							○					●	●	●	✓
Baked goods – cookies, crackers, pancakes, waffles,				●	●							●	●		
Bars – snack, nutrition, diet, fruit, protein				●	●							●	●		
Beverage – clear (pre-react with a food acid)	●		●				●		●	○					
Beverage – soy, milk	●	○	○				●	○	○						
Cereals – Hot and Cold	Batter addition	○		●	●		○						●	●	
	Color or flavor bits	○		●	●	●	○		●			●	●		
	Coating	●		●	●		●					●	●		
	Dry blend	○		●	●		○					●	●		
Chewing gum – regular: Gum base masticating agent															✓
Chewing gum – Special	Gum base			○	●	●						○	●	●	
	Pellet coating	●	○	○			●	○				○			
Chocolate dutching							●	○							
Drink mix powders – soy, diet, chocolate, infant formula	○		●				○		●						
Dry food mixes	○		○	●	●		○		○			●	●		
Flavor carrier	●		●				●		●						
Flour enrichment	○		●	●			○					●	●		✓
Frozen dairy – ice cream, yogurt	●	○					●	○							
Infant Formulas	Dry mix	○		●			○		●						
	Liquid	●	○				●	○							
Milk protein, whey, or caseinate enrichment	●	○	●	○			●	○	●			○			
Pasta Enrichment	○		●	●			○					●	●		

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Redispersible powders – e.g., coffee creamers			●						●						
Vitamin / Mineral Premixes	○			●	●		○					●	●		

Pharmaceuticals

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Dosage Forms: Tablets, Effervescent, Liquids, Soft Chews, Soft Gels, Lozenges	Use the recommendations for the same dosage form that are shown for Nutritional Supplements														
Antacid tablets – full monograph dosage	○	○	○	●	●	●									
Antacids – less than maximum dosage							○	○	○	○	○	●	●	●	
Antibiotic Flocculant			●						●	○	○				
Calcium-based pharmaceutical raw material	●	○	●				●	○	●						

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