



Z-TRIM[®]
INGREDIENTS

Pure health ... in good taste.





A Healthier Fiber Has Arrived

Z-Trim's *all natural* line of functional fibers not only meets consumers' growing demand for foods that support health and wellness, but they're also multifunctional enough to be used in everything from artisan breads to ice cream.

Our unique, natural blend of soluble and insoluble dietary fiber is the only one that combines unmatched moisture retention with hydrocolloid-like properties. Once Z-Trim fiber is rehydrated, it won't precipitate, retrograde or breakdown the way other fibers, celluloses and starches do. This functionality is key to retaining your products' integrity from processing all the way through shelf life.

Clean Label

Z-Trim functional fibers fall in line with today's hottest trends in food... the desire for healthy foods from natural sources. All Z-Trim products are gluten free, allergen free, kosher and halal certified. We can also use non-GMO raw materials to produce oat and corn fibers. All of our health-friendly fibers are derived from abundant raw material sources.

Eliminate Calories Naturally

Significantly, Z-Trim ingredients can help you keep all the flavor and texture of your proprietary product formulations while reducing fat and calories. Our fibers easily replace fat and cut calories while providing the same great texture and flavor consumers expect from your products.

Cost Savings

Since Z-Trim ingredients replace other ingredients with natural fiber and water, you'll realize cost savings by reducing the amount of oils, starches, gums and even meats in some applications. Unlike other ingredients, only a small amount of Z-Trim is required for most formulations.

Versatility

Z-Trim's ingredients mimic the viscosity of virtually any hydrocolloid and are unlike anything you've ever seen before. This versatility makes other standard thickeners, emulsifiers, stabilizers and moisture additives nearly unnecessary. Find out how our unique, natural blend of soluble and insoluble fibers gives new life to everything from dressings and dairy to meat and bakery products.

Functional Fiber ... Essential Versatility

Application	Improved Functionality	
Bakery	Texturizer Moisture retention Reduce fat Increase volume	Improve structure Bulking agent Freeze / Thaw
Dairy	Emulsifier Stabilizer Thickener Viscosity builder	Syneresis control Freeze / Thaw Control ice crystal formation
Dressings, Sauces & Dips	Texturizer Emulsifier Suspension Fat reducer	Thickener Viscosity builder Syneresis control
Meat, Poultry & Fish	Texturizer Emulsifier Moisture retention	Freeze / Thaw Binder Yield improvement

A Natural Multitasker

Moisture Retention – Extends shelf life, limits moisture migration, reduces syneresis and effectively binds coatings.

Stabilizes Emulsions – Minimizes surface tension, builds viscosity and refines texture.

Freeze / Thaw Stability – Controls ice crystal formation, reduces syneresis and maintains product integrity.

Process Stability – Withstands extreme conditions; pH, temperature, shear and pressure.

Clean Labeling – Reduces the number of ingredients needed on your deck for most applications.

Let your natural flavor shine through with Z-Trim.



A Fraction of the Fiber for Unlimited Applications

Product #	Name	Application	Usage %	Labeling
ZTC 2000	Corn Z-Trim	Bakery Dressings/Sauces/Mayo/Dips Dairy	0.20 – 1.00 0.25 – 2.00 0.10 – 2.00	Corn Fiber
CNGN 2000	Non-GMO Natural Corn Z-Trim	Bakery Dressings/Sauces/Mayo/Dips Dairy Meats	0.20 – 1.00 0.25 – 2.00 0.10 – 2.00 0.25 – 1.00	Corn Fiber In Meats: Isolated Corn Bran Product, Isolated Corn Product or Corn Bran Product
ZTCN 2000	Natural Corn Z-Trim	Bakery Dressings/Sauces/Mayo/Dips Dairy Meats	0.20 – 1.00 0.25 – 2.00 0.10 – 2.00 0.25 – 1.00	Corn Fiber In Meats: Isolated Corn Bran Product, Isolated Corn Product or Corn Bran Product
ZTO 2000	Oat Z-Trim	Bakery Meats	0.20 – 1.00 0.25 – 2.00	Oat Fiber In Meats: Isolated Oat Product



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I N G R E D I E N T S

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The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. We may suggest technical solutions for incorporating our ingredients into products, however it is ultimately the user's responsibility to both comply with appropriate government standards and requirements, and to make an independent determination as to whether the product is of acceptable quality and suitability for their particular purpose. No warranties, expressed or implied, are made. Nothing contained herein shall be construed as permission for violation of patent rights. Z-Trim is a registered trademark of Z-Trim Holdings, Inc. All rights reserved. © 2014 Z-Trim Holdings, Inc.