

NATIONAL PLASTIC HEATER, SENSOR & CONTROL INC.

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NPH Silicone Rubber Heaters are Critical Components for Freeze Drying Technology Applications. NPH Customizes Silicone Rubber Heaters for the Freeze Dry Industry.

FREEZE DRY SILICONE HEATER DATA SHEET

DESCRIPTION

Now, available from NPH, custom silicone rubber heaters and technology for the Freeze Dry industry. Freeze drying, also known as lyophilisation or cryodesiccation, is a low temperature dehydration process that involves freezing the product, lowering pressure, then removing the ice by sublimation. This is in contrast to dehydration by most conventional methods that evaporate water using heat.

Preserve your garden produce, create the perfect emergency food supply, make camping meals and healthy snacks. Unlike other methods of food preservation, freeze drying does not shrink or toughen the food, and retains flavor, color, and nutrition.

Freeze dryers produce food that looks and tastes better than store-bought freeze dried food. Experience the difference!

APPLICATIONS

- Coffee industry
- Food preservation
- Floral industry
- Medical devices
- Pharmaceutical
- Biotech and related industries

