



## Description

St. Marys Carbon manufactures the patented Silver Dot™ dryer & hanger bearings for a variety of dryer sizes and applications. St. Marys Carbon Grade 224 is recognized globally and offers the industry's highest quality and longest-lasting bearings. Silver Dot™ bearings, from the blending raw materials to the finished product, are made in-house by our specialized craftsmen.

*\* St. Marys Carbon is a custom solution provider. No matter your application or product needs, contact us and we **will** find a solution.*

## Features & Benefits

- **Complete Assembly:** Operates in every type of dryer as Silver Dot™ is available as plain whole or half bearings and as full assemblies.
- **High Temperature:** Meets the demanding/harsh environments of a variety of dryers due to its stability at high temperatures.
- **Patented Materials:** Provides for the industry's highest quality bearing as this proprietary grade is only manufactured by St. Marys Carbon.
- **Reduced Downtime:** Greatly decreases dryer maintenance and costs due to our two-year bearing guarantee and quality craftsmanship.

## Typical Applications

- Gypsum Dryers
- Ceiling Tile Dryers
- Veneer Dryers
- Insulation Board Dryers
- Other Large Dryer Ovens



**Key Markets** - Agriculture, Construction, Food & Beverage

**Specifications** - Below are St. Marys Carbon's top recommended grades, which are produced in-house.

### Properties English Units

Grade	Density (lbs./ft. <sup>3</sup> )	Flexural Strength (psi)	Compressive Strength (psi)	Coefficient of Thermal Expansion (μ/°F)	Temperature Limit Neutral (°F)	Temperature Limit Oxidizing (°F)	Scheroscope Hardness	Applications
224	112.32	8,000	19,000	2.85	1,150	1,150	80	Ovens / Dryers
75	106.08	8,100	21,500	2.80	3,000	750	80	Ovens / Dryers