

## SOLID POLYETHER POLYURETHANE KRYPTONIC™ - KR, KR/HT, KR/ULHT\*

An excellent problem solver to prevent tire separation in washdown environments where food, dirt and / or other particles can create unsanitary and unsatisfactory conditions and steam cleaning and cleanliness is a must. Meets FDA requirements and stands up to refrigeration and steam cleaning.

**KR/HT = Kryptonite High Temp (Gray Wheels)**

### FEATURES

- **Capacity:** Polyether Polyurethane has excellent carrying capacity - loads to 1500 lbs.
- **Noise Level:** Crown shape affords an easy-rolling, quiet operation. Quieter than phenolics, polyolefin, nylon and other polyurethanes.
- **Floor Protective:** Non-marking tread with no separation problems.
- **Resiliency:** The Polyether Polyurethane tread cushions the load and rolls over obstructions easier. Rebounds up to 80% compared to 35% for typical polyester polyurethane. No flat spotting under suggested load and temperature conditions.
- **Abrasion Resistance:** Greater service life and resistance to chunking, cutting and abrasive wear. Tests indicate that 10 months on rough concrete will wear less than 0.050" compared to 1.0" for macerated canvas phenolic.
- **Chemical resistance:** Polyether Polyurethane is completely washable ( Steam Cleanable ) and resistant to most chemicals. Suitable for use in all environments with the exception of continuous exposure to strong acids, strong bases, aromatic hydrocarbons, chlorinated solvents.
- **Concentrated Load:** 4000 lbs applied on the running surface with a 1" dia. indenter to simulate a round obstacle on a work floor produced no permanent deformation.

### For Wet Applications:

Stainless steel sealed precision bearings are recommended along with stainless steel rigs.

- Solid one-piece design
- Unbreakable & Steam Cleanable
- Ratings to 800 lbs.



(KR) Blue Kryptonite™  
Wheel w/ Precision  
Ball Bearing



(KR/HT) Gray Kryptonite™  
Wheel w/ Precision  
Ball Bearing



(KR/ULHT) Black Kryptonite™  
Wheel w/ Precision  
Ball Bearing

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bearing ID (in.)	Wt. (lbs.)	Part Number*
3	1-1/4	300	1-9/16	1/2	1	KR-P-0312-08
4	1-1/4	300	1-9/16	1/2	1-1/2	KR-P-0412-08
5	1-1/4	300	1-9/16	1/2	2	KR-P-0512-08
4	2	500	2-7/16	1/2	2	KR-P-0420-08
5	2	600	2-7/16	1/2	2-1/2	KR-P-0520-08
6	2	700	2-7/16	1/2	3	KR-P-0620-08
8	2	800	2-7/16	1/2	4	KR-P-0820-08

\*P= Precision Ball Bearing (Available in Stainless Steel)

\*R= Roller Bearing (Available in Stainless Steel)

For Kryptonite™ High Temp, change "KR" to "KR/HT" in the part number.

For Kryptonite™ Ultra High Temp, change "KR" to "KR/UL/HT" in the part number.

END CAPS ARE PROVIDED WITH EACH WHEEL TO FIT AXLE SIZE.

### (KR) (BLUE) KRYPTONIC™ WHEEL

- **Average Hardness:** 58 SHORE D Durometer
- **Tensile Strength:** 4000 psi
- **Temperature Range:** Up to 250 ° F (1/2 hour)
- **Tread Coloration:** (KR) Blue Wheels

### (KR/HT) HIGH TEMP (GRAY) KRYPTONIC™ WHEEL

- **Average Hardness:** 60 SHORE D Durometer
- **Tensile Strength:** 4145 psi
- **Temperature Range:** Up to 250 ° F (5-6 hours)
- **Tread Coloration:** (KR/HT) Gray Wheels

### (KR/ULHT) ULTRA HIGH TEMP (BLACK) KRYPTONIC™ WHEEL

- **Average Hardness:** 60 SHORE D Durometer
- **Tensile Strength:** 4600 psi
- **Temperature Range:** Up to 270 ° F (5-6 hours)
- **Tread Coloration:** (KR/UL/HT) Black Wheels

### Applications

Canneries, Cheese Factories, Meat Packing Plants, Food Processing, Slaughter Houses, Fish Plants, Laboratory Research