

Kryptane Caster Wheels offer a specially-formulated, high-quality urethane that is designed to resist developing flat spots, ensuring that your machinery operates at peak performance.

Features include:

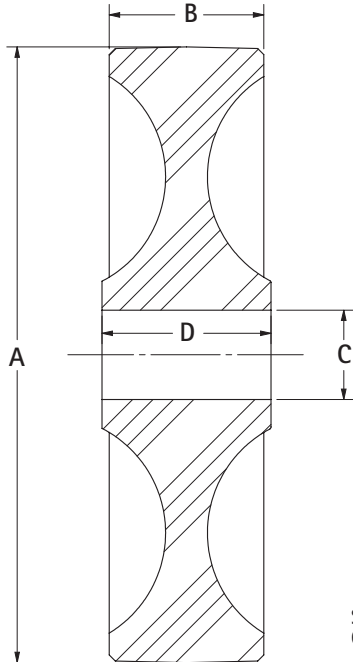
- Proprietary formulation with physical properties and manufacturing processes engineered exclusively for caster wheels.
- One-piece design eliminates bond failure commonly found in elastomer tread wheels with rigid hubs. Wheels can handle high impact and heavy loads. They do not mar floors or floor coatings. Quiet roll with or without bearings.
- Cost efficient, lightweight and long lasting. A strong performer under a wide range of conditions.
- Resist abrasion and compression-set flat spotting. Repel dirt, clean easily and withstand extreme temperature changes.
- Ideally suited for the food processing industry. Stand up to refrigeration and steam cleaning.
- Custom applications and designs welcome.

PHYSICAL PROPERTIES OF CASTER WHEELS

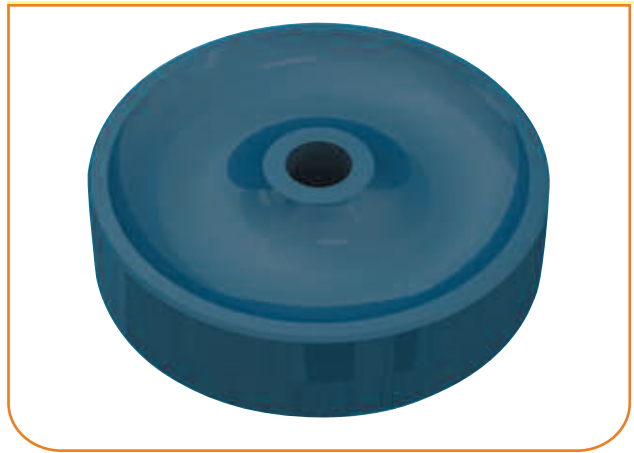
Hardness	55 Shore D
Temperature Range	-50° F to 180° F continuous, up to 250° F intermittently
Abrasion Resistance	Highest possible. Tests indicate that 10 months' use on rough concrete will wear less than 0.050" compared to 1.000" of a macerated canvas phenolic.
Impact Resistance	Impacts that de-bond urethane tread/aluminum hub, chip phenolic, and dent polyolefin will not affect Kryptane Systems wheels.
Flat Spotting	None under suggested load and temperature conditions.
Tensile Strength	4000 PSI
Chemical Resistance	Suitable for use in all environments with the exception of continuous exposure to strong acids, bases or aromatic hydrocarbons.
Concentrated Load	4,000 lbs. applied on a work floor produced no permanent deformation.
Resilience	Extremely high rebound translates into less energy required to move your load.
Noise Level	Less than steel, phenolic, polyolefin, nylon and other urethanes.
Bearings	Customer can machine bore to accept numerous bearing types.

NOTE: Although the caster wheel material itself is capable of handling the published load rating, it is noted that in plain bore applications the rollability will be decreased under maximum load. Rolling resistance in a given application should be tested for acceptance.

CASTER WHEELS



Section View
CW-11006



CASTER WHEELS

	A	B	C	D	
PART NUMBER	DIA.	TREAD WIDTH	BORE SIZE	HUB LENGTH	LOAD RATING
CW-11006	8"	2"	1-3/16"	2-3/16"	1,400
CW-11000	6"	2"	1-3/16"	2-3/16"	1,200
CW-11009	5"	2"	1-3/16"	2-3/16"	1,000
CW-11002	5"	1-1/4"	1/2"	1-9/16"	700
CW-11003	4"	2"	1-3/16"	2-3/16"	700
CW-11004	4"	1-1/4"	1/2"	1-9/16"	400
CW-11005	3"	1-1/4"	1/2"	1-9/16"	300