

NYLACRON™

Nylacron™ the new Steel

Steel wheels have been standard for centuries, Nylacron™ is changing that. These wheels have the same load capacities but weigh three times less. Because of the lower weight, the wheel undergoes lower moments of force during impacts. This translates to a much longer service life, and higher durability.



NYLACRON™ | STANDARD



Nylacron™ Standard Wheels are made of tough hard, highly compressed cast polyamide to replace Steel, Stainless Steel, Phenolic, Solid Elastomer and Urethane wheels. Nylacron™ outperforms alternatives where very high load capacities, floor protection, low rolling resistance, impact proof, and corrosive resistance are required. The casting manufacturing process of Nylacron™ wheels increases the load capacity much higher than similar appearing injection molded products.

Properties

Hardness	112-120 Rockwell R
Intermittent Operating Temperature	300° F
Continuous Operating Temperature	200° F

NYLACRON™ | HIGH-TEMP



Nylacron™ High-Temp Wheels are manufactured in a process similar to Nylacron™ Standard Wheels. The difference being is that Nylacron™ High-Temp Wheels have a heat stabilizer that slows the loss of physical properties as temperatures increase. This allows the material to function at higher temperatures than Nylacron™ Standard.

Properties

Hardness	112-120 Rockwell R
Intermittent Operating Temperature (Max)	330° F
Continuous Operating Temperature (Max)	250° F

NYLACRON™ | NATURAL



Nylacron™ Natural Wheels are an unfilled cast type 6 nylon developed on proven in-the-field FDA application requirements. Wheels are straight sided and precision machined on CNC equipment to exact tolerances. Stainless steel precision ball bearings are available for every wheel.

Properties

Hardness	112-120 Rockwell R
Intermittent Operating Temperature	300° F
Continuous Operating Temperature	200° F

NYLACRON™ | WHEEL SIZES

Features

- Ergonomic:** Extraordinarily easy to push. No more back aches - less power to tow.
- Quiet:** Wheel dampens shock and vibration, thus reducing noise.
- High Impact Strength:** Resists fracture from repeated shock loads.
- Higher Loads:** Mechanical strength supports greater weight and allows better utilization of caster rig capacity.
- Floor Protective:** Material does not damage floors and is lighter in weight than steel.
- Longer Life:** Shows minimal wear in extended use-resists abrasion, water, and many hazardous chemicals. Ideal for stainless steel rig applications.
- Lower Maintenance:** Sealed precision bearings and minimal wheel wear greatly reduces plant maintenance requirements and costs.

Diameter (in)	Width (in)	Capacity (lbs)	Hub Length (in)	Axle Bore (in)	Standard	High-Temp	Natural
3	1-1/4	550	1-1/2	3/8	NY0312	NH0312	NN0312
3	2	700	2-3/16	1/2	NY0320	NH0320	NN0320
4	1-1/4	750	1-1/2	3/8	NY0412	NH0412	NN0412
4	2	2000	2-3/16	1/2	NY0420	NH0420	NN0420
5	1-1/4	1200	1-1/2	3/8	NY0512	NH0512	NN0512
5	2	2000	2-3/16	1/2	NY0520	NH0520	NN0520
6	1-1/4	1200	1-1/2	3/8	NY0612	NH0612	NN0612
6	2	2000	2-3/16	1/2	NY0620	NH0620	NN0620
6	2-1/2	2200	2-3/4	1/2	NY0625	NH0625	NN0625
6	2-1/2	6000	3-1/4	3/4	NY0626	NH0626	NN0626
6	3	8500	3-1/2	3/4	NY0630	NH0630	NN0630
8	2	2500	2-3/16	1/2	NY0820	NH0820	NN0820
8	2-1/2	3000	3	1/2	NY0825	NH0825	NN0825
8	2-1/2	7200	3-1/4	3/4	NY0826	NH0826	NN0826
8	3	10000	3-1/2	3/4	NY0830	NH0830	NN0830
8	3	10000	3-1/2	1	NY0831	NH0831	NN0831
8	4	14000	4-1/2	1-1/4	NY0840	NH0840	NN0840
10	2-1/2	3000	2-1/2	1/2	NY1025	NH1025	NN1025
10	2-1/2	8500	2-1/2	3/4	NY1026	NH1026	NN1026
10	3	10000	3-1/2	3/4	NY1030	NH1030	NN1030
10	4	16000	4-1/2	1	NY1040	NH1040	NN1040
10	4	16500	4-1/2	1-1/4	NY1041	NH1041	NN1041
12	2-1/2	8500	3	3/4	NY1225	NH1225	NN1225
12	3	10000	3-1/2	3/4	NY1230	NH1230	NN1230
12	4	16000	4-1/2	1	NY1240	NH1240	NN1240
12	4	16500	4-1/2	1-1/4	NY1241	NH1241	NN1241
12	5	18000	3	1-1/4	NY1250	NH1250	NN1250