

ALBION®

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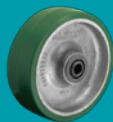
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 IP Empire Economical Polyurethane 178
on Cast Iron Wheels
Capacities to 900 lbs.



Polyurethane Professionals

Albion Industries knows polyurethane.

With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our caster and wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

Polyurethane Core Recycle



Albion can Re-Poly your old polyurethane on metal cores with a new burn-off oven. Consult factory for details.



Polyurethane Prevenz™

Many polyurethane wheels feature the Prevenz™ antimicrobial option. The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of model number.



XA Prevenz™



XA Prevenz™
Heavy Duty



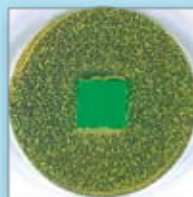
XP Prevenz™



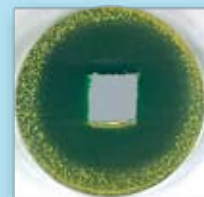
PY Prevenz™



PX Prevenz™



Without Prevenz™



With Prevenz™

Above photos show the difference in bacterial growth over a seven day incubation period.


VULKOLLAN®

THE ULTIMATE ELASTOMER

FACT: Only **ONE** Caster Company In North America Manufactures Wheels Made With Vulkollan® Polyurethane Raw Materials.

Aren't You Glad It's ALBION!

Now the highest quality polyurethane in the world is available from the highest quality caster company in the world. Under a strict licensing agreement with Bayer MaterialScience, ALBION is now the exclusive caster manufacturer of Vulkollan® polyurethane wheels in North America. What does this mean for our customers?

If you are looking for unmatched performance and legendary durability, look to ALBION...your only source for the best polyurethane wheels in the world.

FEATURES

The Vulkollan raw materials are superior and the processes take longer, but as you can see from the features, some things are worth waiting for:

- Superior tear resistance
- Superior rebound resilience
- Superior ozone, grease and oils resistance
- Superior dynamic load capacity
- Superior reliability
- Superior wear resistance
- Superior structural strength
- Low permanent deformation
- Reduced downtime and maintenance costs
- Bottom line: wheel may last 40% longer than most polyurethane wheels especially in extreme conditions



You're looking at the only Vulkollan caster wheel manufacturing facility in North America.



Applications





New! Vulkollan® on Cast Iron

Highest quality polyurethane in the world.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Flat
- **Finish:** Orange/Brown tread on cast iron core

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Note: Vulkollan is a registered trademark of Bayer MaterialScience.

Vulkollan Value Quotient:

- **Highest Quality Polyurethane in the World**
- **Extremely Durable**
- **High Load Capacity**
- **Ergonomic - Easy to Roll**
- **High Abrasion Resistance**

Wheel Diameter (inches)	Tread Width (inches)	Capacity (rated for normal operation)	Hub Length (inches)	Bore ID (inches)	Bearing ID (inches)	Approx. Wt. (lbs)	Wheel Number Roller Bearing (01,05)	Wheel Number Tapered Bearing (09)	Wheel Number Precision Ball (28)
6	2-1/2	2350	3-1/4	1-15/16	1	10-1/2	VY0640116		
6	2-1/2	2350	3-1/4	1-15/16	1-1/4	10-1/2	VY0640120		
6	2-1/2	2350	2-3/4	1-15/16	1	11	VY0640516		
6	3	3000	3-1/2	2.04	3/4	13-3/4			VY0652812
6	3	3000	3-1/4	1-15/16	1	13-3/4	VY0650116		
6	3	3000	3-1/4	1-15/16	1-1/4	13-3/4	VY0650120		
6	3	3000	3-1/2	1-15/16	3/4	13-1/4		VY0650912	
6	3	3000	3-1/2	1.98	1	13-1/4		VY0650916	
8	2-1/2	2900	3-1/4	1-15/16	1	13	VY0840116		
8	2-1/2	2900	3-1/4	1-15/16	1-1/4	13	VY0840120		
8	2-1/2	2900	2-3/4	1-15/16	1	13	VY0840516		
8	3	4000	3-1/2	2.04	3/4	16			VY0852812
8	3	4000	3-1/2	2-7/16	25mm	16			VY0852816
8	3	4000	3-1/4	1-15/16	1	16	VY0850116		
8	3	4000	3-1/4	1-15/16	1-1/4	16	VY0850120		
8	3	4000	3-1/2	1-15/16	3/4	15-3/4		VY0850912	
8	3	4000	3-1/2	1.98	1	15-3/4		VY0850916	
8	3	4000	3-1/2	2.33	1-1/4	15-3/4		VY0850920	
8	4	5050	4-1/4	2-7/16	1-1/4	23-3/4	VY0870120		
8	4	5050	4-1/2	2-7/16	1	22-1/2		VY0870916	
8	4	5050	4-1/2	2-7/16	1-1/4	22-1/2		VY0870920	
10	2-1/2	3450	3-1/4	1-15/16	1	17-1/4	VY1040116		
10	2-1/2	3450	3-1/4	1-15/16	1-1/4	17-1/4	VY1040120		
10	2-1/2	3450	2-3/4	1-15/16	1	17-1/2	VY1040516		
10	3	5000	3-1/2	2.04	3/4	20-1/2			VY1052812
10	3	5000	3-1/2	2-7/16	25mm	20-1/2			VY1052816
10	3	5000	3-1/4	1-15/16	1	20-1/2	VY1050116		
10	3	5000	3-1/4	1-15/16	1-1/4	20-1/2	VY1050120		
10	3	5000	3-1/2	1-15/16	3/4	20		VY1050912	
10	3	5000	3-1/2	1.98	1	20		VY1050916	
10	3	5000	3-1/2	2.33	1-1/4	20		VY1050920	
10	4	6050	4-1/4	2-7/16	1-1/4	30-1/4	VY1070120		
10	4	6050	4-1/2	2-7/16	1	29		VY1070916	
10	4	6050	4-1/2	2-7/16	1-1/4	29		VY1070920	
12	3	5300	3-1/4	1-15/16	1	28-1/4	VY1250116		
12	3	5300	3-1/4	1-15/16	1-1/4	28-1/4	VY1250120		
12	3	5300	3-1/2	1-15/16	3/4	28		VY1250912	
12	3	5300	3-1/2	1.98	1	28		VY1250916	
12	3	5300	3-1/2	2.33	1-1/4	28		VY1250920	
12	4	6925	4-1/4	2-7/16	1-1/4	36-3/4	VY1270120		
12	4	6925	4-1/2	2-7/16	1	35-1/2		VY1270916	
12	4	6925	4-1/2	2-7/16	1-1/4	35-1/2		VY1270920	

IMPORTANT: The color of Vulkollan will change over time and exposure to UV rays from an off-white to a very dark brown.



**New! 2" Tread Width
Models Available!
Consult Factory.**

VX New! Thick Tread Vulkollan® on Cast Iron



Highest quality polyurethane in the world.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Flat
- **Finish:** Orange/Brown tread on cast iron core

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Note: Vulkollan is a registered trademark of Bayer MaterialScience.

Vulkollan Value Quotient:

- Highest Quality Polyurethane in the World
- Extremely Durable
- High Load Capacity
- Ergonomic - Easy to Roll
- High Abrasion Resistance

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Load for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01,05)	Wheel Number Tapered Bearing (09)	Wheel Number Precision Ball (28)
6	2-1/2	2350	3-1/4	1-15/16	1	10-1/2	VX0640116		
6	2-1/2	2350	3-1/4	1-15/16	1-1/4	10-1/2	VX0640120		
6	2-1/2	2350	2-3/4	1-15/16	1	11	VX0640516		
6	3	3000	3-1/2	2.04	3/4	13-3/4			VX0652812
6	3	3000	3-1/4	1-15/16	1	13-3/4	VX0650116		
6	3	3000	3-1/4	1-15/16	1-1/4	13-3/4	VX0650120		
6	3	3000	3-1/2	1-15/16	3/4	13-1/4		VX0650912	
6	3	3000	3-1/2	1.98	1	13-1/4		VX0650916	
8	2-1/2	2900	3-1/4	1-15/16	1	13	VX0840116		
8	2-1/2	2900	3-1/4	1-15/16	1-1/4	13	VX0840120		
8	2-1/2	2900	2-3/4	1-15/16	1	13	VX0840516		
8	3	4000	3-1/2	2.04	3/4	16			VX0852812
8	3	4000	3-1/4	1-15/16	1	16	VX0850116		
8	3	4000	3-1/4	1-15/16	1-1/4	16	VX0850120		
8	3	4000	3-1/2	1-15/16	3/4	15-3/4		VX0850912	
8	3	4000	3-1/2	1.98	1	15-3/4		VX0850916	
8	3	4000	3-1/2	2.33	1-1/4	15-3/4		VX0850920	
10	2-1/2	3450	3-1/4	1-15/16	1	17-1/4	VX1040116		
10	2-1/2	3450	3-1/4	1-15/16	1-1/4	17-1/4	VX1040120		
10	2-1/2	3450	2-3/4	1-15/16	1	17-1/2	VX1040516		
10	3	5000	3-1/2	2.04	3/4	20-1/2			VX1052812
10	3	5000	3-1/4	1-15/16	1	20-1/2	VX1050116		
10	3	5000	3-1/4	1-15/16	1-1/4	20-1/2	VX1050120		
10	3	5000	3-1/2	1-15/16	3/4	20		VX1050912	
10	3	5000	3-1/2	1.98	1	20		VX1050916	
10	3	5000	3-1/2	2.33	1-1/4	20		VX1050920	

IMPORTANT: The color of Vulkollan will change over time and exposure to UV rays from an off-white to a very dark brown.

PY/PH

Polyurethane on Cast Iron Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat or crown tread
- **Finish:** Green tread on black core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- **80 Shore A** durometer option available (15% capacity reduction) Butterscotch tread on black core.
- **70 Shore D** durometer option available (20% capacity increase) Black tread on black core.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



70 Shore D Models

80 Shore A Models

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs/ft for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01)	Wheel Number Tapered Roller Bearing (09)
3-1/4	1-5/8	420	1-5/8	1-3/16	1/2	1	PY0310108	
3-1/4	1-5/8	420	1-5/8	1-3/16	5/8	1	PY0310110	
3-1/4	1-5/8^	420	1-5/8	1-3/16	3/4	1	PY0310112~	
3-1/4	2-3/16	540	2-3/16	1-3/16	1/2	1-1/4	PY0320108	
3-1/4	2-3/16	540	2-3/16	1-3/16	5/8	1-1/4	PY0320110	
3-1/4	2-3/16	540	2-3/16	1-3/16	3/4	1-1/4	PY0320112~	
3-1/4	3-1/4	850	3-1/4	1-15/16	1	3	PY0350116	
3-1/4	3-1/4	850	3-1/4	1-15/16	1-1/4	3	PY0350120	
3-1/4	4-1/4	1100	4-1/4	1-15/16	1	3-3/4	PY0370116	
3-1/4	4-1/4	1100	4-1/4	1-15/16	1-1/4	3-3/4	PY0370120	
3-1/4	4-1/4	1100	4-1/2	1-15/16	3/4	3-3/4		PY0370912
5	2-1/2	1290	2-3/4	1-15/16	1	8	PY0540516	
5	2-1/2	1290	3-1/4	1-15/16	1	8-1/2	PY0540116	
5	2-1/2	1290	3-1/4	1-15/16	1-1/4	8-1/2	PY0540120	
5	3	1530	3-1/4	1-15/16	1	9	PY0550116	
5	3	1530	3-1/4	1-15/16	1-1/4	9	PY0550120	
5	3	1530	3-1/2	1-15/16	3/4	8-1/2		PY0550912
6	1-1/2	840	1-5/8	1-3/16	1/2	4	PY0610108	
6	1-1/2	840	1-5/8	1-3/16	5/8	4	PY0610110	
6	1-1/2^	840	1-5/8	1-3/16	3/4	4	PY0610112~	
6	2	1230	2-3/16	1-7/16	7/8	6	PH0620114	
6	2	1230	2-3/16	1-7/16	1	6	PH0620116	
6	2-1/2	1620	2-3/4	1-3/16	3/4	6-3/4	PY0640712	
6	2-1/2	1620	2-3/4	1-15/16	1	11	PY0640516	
6	2-1/2	1620	3-1/4	1-15/16	1	10-1/2	PY0640116	
6	2-1/2	1620	3-1/4	1-15/16	1-1/4	10-1/2	PY0640120	
6	2-1/2	1620	3-1/2	1-15/16	3/4	10-1/2		PY0640912
6	3	2040	3-1/4	1-15/16	1	13-3/4	PY0650116	
6	3	2040	3-1/4	1-15/16	1-1/4	13-3/4	PY0650120	
6	3	2040	3-1/2	1-15/16	3/4	13-1/4		PY0650912
6	3	2040	3-1/2	1.98	1	13-1/4		PY0650916
8	2-1/2	2010	3-1/4	1-15/16	1	13	PY0840116	
8	2-1/2	2010	3-1/4	1-15/16	1-1/4	13	PY0840120	
8	2-1/2	1800	2-3/4	1-15/16	1	13	PY0840516	
8	2-1/2	1600	2-3/4	1-3/16	3/4	9-3/4	PY0840712	
8	2-1/2	2010	3-1/2	1-15/16	3/4	12-3/4		PY0840912
8	3	2520	3-1/4	1-15/16	1	16	PY0850116	
8	3	2520	3-1/4	1-15/16	1-1/4	16	PY0850120	
8	3	2520	3-1/2	1-15/16	3/4	15-3/4		PY0850912
8	3	2520	3-1/2	1.98	1	15-3/4		PY0850916
8	3	2520	3-1/2	2.33	1-1/4	15-3/4		PY0850920
8	3	2520	3-1/4	2-7/16	1-1/4	15-1/2	PH0850120	
8	3	2520	3-1/4	2-7/16	1-1/2	15-1/2	PH0850124	
8	4	3500	4-1/4	2-7/16	1-1/4	23-3/4	PY0870120	
8	4	3500	4-1/4	2-7/16	1-1/2	23-3/4	PY0870124	
8	4	3500	4-1/2	2-7/16	1	22-1/2		PY0870916
8	4	3500	4-1/2	2-7/16	1-1/4	22-1/2		PY0870920
10	2-1/2	2370	3-1/4	1-15/16	1	17-1/4	PY1040116	
10	2-1/2	2370	3-1/4	1-15/16	1-1/4	17-1/4	PY1040120	
10	2-1/2	2370	2-3/4	1-15/16	1	17-1/2	PY1040516	
10	3	3000	3-1/4	1-15/16	1	20-1/2	PY1050116	
10	3	3000	3-1/4	1-15/16	1-1/4	20-1/2	PY1050120	
10	3	3000	3-1/2	1-15/16	3/4	20		PY1050912
10	3	3000	3-1/2	1.98	1	20		PY1050916
10	3	3000	3-1/2	2.33	1-1/4	20		PY1050920
10	3	3000	3-1/4	2-7/16	1-1/4	19-3/4	PH1050120	
10	3	3000	3-1/4	2-7/16	1-1/2	19-3/4	PH1050124	
10	4	4200	4-1/4	2-7/16	1-1/4	30-1/4	PY1070120	

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.
^ 27/16" spanner and spacers included.

PY

PY/PH Continued



Prevenz™ Antimicrobial
Available on all Models



We can help you recycle old
polyurethane on metal cores.
Consult factory for details.

Wheel Diameter (Inches)		Tread Width (Inches)		Capacity (Lbs) (Rate for manual operation)		Hub Length (Inches)		Bore ID (Inches)		Bearing ID (Inches)		Approx. Wt. (LBS)		Wheel Number Roller Bearing (01)		Wheel Number Tapered Roller Bearing (09)	
10	4	4200	4-1/4	2-7/16	1-1/2	30-1/4		PY1070124									
10	4	4200	4-1/2	2-7/16	1	29										PY1070916	
10	4	4200	4-1/2	2-7/16	1-1/4	29										PY1070920	
10	5	5000	5-1/4	2-7/16	1-1/4	41-1/4		PY1080120									
10	5	5000	5-1/4	2-7/16	1-1/2	41-1/4		PY1080124									
10	5	5000	5-1/2	2-7/16	1	39-1/4										PY1080916	
10	5	5000	5-1/2	2-7/16	1-1/4	39-1/4										PY1080920	
12	2-1/2	2700	3-1/4	1-15/16	1	22-3/4		PY1240116									
12	2-1/2	2700	3-1/4	1-15/16	1-1/4	22-3/4		PY1240120									
12	2-1/2	2700	2-3/4	1-15/16	1	22		PY1240516									
12	3	3420	3-1/4	1-15/16	1	28-1/4		PY1250116									
12	3	3420	3-1/4	1-15/16	1-1/4	28-1/4		PY1250120									
12	3	3420	3-1/2	1-15/16	3/4	28										PY1250912	
12	3	3420	3-1/2	1.98	1	28										PY1250916	
12	3	3420	3-1/2	2.33	1-1/4	28										PY1250920	
12	3	3420	3-1/4	2-7/16	1-1/4	27-1/2		PH1250120									
12	3	3420	3-1/4	2-7/16	1-1/2	27-1/2		PH1250124									
12	3-1/2	4110	4-1/4	2-7/16	1-1/4	31-1/2		PY1260120									
12	3-1/2	4110	4-1/4	2-7/16	1-1/2	31-1/2		PY1260124									
12	3-1/2	4110	4-1/2	2-7/16	1	30-1/2										PY1260916	
12	3-1/2	4110	4-1/2	2-7/16	1-1/4	30-1/2										PY1260920	
12	4	4800	4-1/4	2-7/16	1-1/4	36-3/4		PY1270120									
12	4	4800	4-1/4	2-7/16	1-1/2	36-3/4		PY1270124									
12	4	4800	4-1/2	2-7/16	1	35-1/2										PY1270916	
12	4	4800	4-1/2	2-7/16	1-1/4	35-1/2										PY1270920	
12	5	6000	5-1/4	2-7/16	1-1/4	48		PY1280120									
12	5	6000	5-1/4	2-7/16	1-1/2	48		PY1280124									
12	5	6000	5-1/2	2-7/16	1	47										PY1280916	
12	5	6000	5-1/2	2-7/16	1-1/4	47										PY1280920	
14	4	5000	4-1/4	2-7/16	1-1/4	48-1/2		PY1470120									
14	4	5000	4-1/4	2-7/16	1-1/2	48-1/2		PY1470124									
14	4	5000	4-1/2	2-7/16	1	47-1/2										PY1470916	
14	4	5000	4-1/2	2-7/16	1-1/4	47-1/2										PY1470920	
16	3	4260	4-1/4	2-7/16	1-1/4	51		PY1650120									
16	3	4260	4-1/4	2-7/16	1-1/2	51		PY1650124									
16	3	4260	4-1/2	2-7/16	1	49-3/4										PY1650916	
16	3	4260	4-1/2	2-7/16	1-1/4	49-3/4										PY1650920	
16	4	5970	5-1/4	2-7/16	1-1/4	65		PY1670120									
16	4	5970	5-1/4	2-7/16	1-1/2	65		PY1670124									
16	4	5970	5-1/4	3-1/16	1-3/4	65		PY1670128									
16	4	5970	5-1/2	2-7/16	1-1/4	63										PY1670920	
16	5	7700	5-1/4	2-7/16	1-1/4	85		PY1680120									
16	5	7700	5-1/4	2-7/16	1-1/2	85		PY1680124									
16	5	7700	5-1/4	3-1/16	1-3/4	85		PY1680128									
16	5	7700	5-1/4	3-1/4	2	85		PY1680132									
16	5	7700	5-1/2	2-7/16	1-1/4	85										PY1680920	
18	3	4600	4-1/4	2-7/16	1-1/4	59		PY1850120									
18	3	4600	4-1/4	2-7/16	1-1/2	59		PY1850124									
18	3	4600	4-1/2	2-7/16	1-1/4	57-3/4										PY1850920	
18	4	6500	5-1/4	2-7/16	1-1/4	83		PY1870120									
18	4	6500	5-1/4	2-7/16	1-1/2	83		PY1870124									
18	4	6500	5-1/2	2-7/16	1-1/4	81-3/4										PY1870920	
18	5	8400	5-1/4	2-7/16	1-1/2	89		PY1880124									
18	5	8400	5-1/4	3-1/16	1-3/4	89		PY1880128									
18	5	8400	5-1/4	3-1/4	2	89		PY1880132									
18	5	8400	5-1/2	2-9/16	1-1/2	87-3/4										PY1880924	

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.
^ 27/16" spanner and spacers included.

PX Thick Tread Polyurethane on Cast Iron Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat or crown tread
- **Finish:** Green tread on black core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV.**
- **80 Shore A** durometer option available (15% capacity reduction). Provides more debris resistance. Butterscotch tread on black core.
- **70 Shore D** durometer option available (20% capacity increase). Black tread on black core.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



Prevenz™ Antimicrobial
Available on all Models



70 Shore D Models

80 Shore A Models

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (rated for normal operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01)	Wheel Number Tapered Roller Bearing (09)
6	3	2040	3-1/4	1-15/16	1	13-3/4	PX0650116	
6	3	2040	3-1/4	1-15/16	1-1/4	13-3/4	PX0650120	
6	3	2040	3-1/2	1-15/16	3/4	13-1/4		PX0650912
6	3	2040	3-1/2	1.98	1	13-1/4		PX0650916
8	2-1/2	2010	3-1/4	1-15/16	1	13	PX0840116	
8	2-1/2	2010	3-1/4	1-15/16	1-1/4	13	PX0840120	
8	2-1/2	2010	3-1/2	1-15/16	3/4	12-3/4		PX0840912
8	3	2520	3-1/4	1-15/16	1	16	PX0850116	
8	3	2520	3-1/4	1-15/16	1-1/4	16	PX0850120	
8	3	2520	3-1/2	1-15/16	3/4	15-3/4		PX0850912
8	3	2520	3-1/2	1.98	1	15-3/4		PX0850916
8	4	3500	4-1/4	2-7/16	1-1/4	23-3/4	PX0870120	
8	4	3500	4-1/4	2-7/16	1-1/2	23-3/4	PX0870124	
8	4	3500	4-1/2	2-7/16	1	22-1/2		PX0870916
8	4	3500	4-1/2	2-7/16	1-1/4	22-1/2		PX0870920
10	2-1/2	2370	3-1/4	1-15/16	1	17-1/4	PX1040116	
10	2-1/2	2370	3-1/4	1-15/16	1-1/4	17-1/4	PX1040120	
10	3	3000	3-1/4	1-15/16	1	20-1/2	PX1050116	
10	3	3000	3-1/4	1-15/16	1-1/4	20-1/2	PX1050120	
10	3	3000	3-1/2	1-15/16	3/4	20		PX1050912
10	3	3000	3-1/2	1.98	1	20		PX1050916
10	3	3000	3-1/2	2.33	1-1/4	20		PX1050920
10	4	4200	4-1/4	2-7/16	1-1/4	30-1/4	PX1070120	
10	4	4200	4-1/4	2-7/16	1-1/2	30-1/4	PX1070124	
10	4	4200	4-1/2	2-7/16	1	29		PX1070916
10	4	4200	4-1/2	2-7/16	1-1/4	29		PX1070920
10	5	5000	5-1/4	2-7/16	1-1/4	41-1/4	PX1080120	
10	5	5000	5-1/4	2-7/16	1-1/2	41-1/4	PX1080124	
10	5	5000	5-1/2	2-7/16	1	39-1/4		PX1080916
10	5	5000	5-1/2	2-7/16	1-1/4	39-1/4		PX1080920
12	3	3420	3-1/4	1-15/16	1	28-1/4	PX1250116	
12	3	3420	3-1/4	1-15/16	1-1/4	28-1/4	PX1250120	
12	3	3420	3-1/2	1-15/16	3/4	28		PX1250912
12	3	3420	3-1/2	1.98	1	28		PX1250916
12	3	3420	3-1/2	2.33	1-1/4	28		PX1250920
12	4	4800	4-1/2	2-7/16	1-1/4	36-3/4	PX1270120	
12	4	4800	4-1/4	2-7/16	1-1/2	36-3/4	PX1270124	
12	4	4800	4-1/2	2-7/16	1	35-1/2		PX1270916
12	4	4800	4-1/2	2-7/16	1-1/4	35-1/2		PX1270920
12	5	6000	5-1/4	2-7/16	1-1/4	48	PX1280120	
12	5	6000	5-1/4	2-7/16	1-1/2	48	PX1280124	
12	5	6000	5-1/2	2-7/16	1	47		PX1280916
12	5	6000	5-1/2	2-7/16	1-1/4	47		PX1280920
12	6	7500	6-1/2	2.33	1-1/4	25-3/4		PX1290920
16	3	4260	4-1/4	2-7/16	1-1/4	51	PX1650120	
16	3	4260	4-1/4	2-7/16	1-1/2	51	PX1650124	
16	3	4260	4-1/2	2-7/16	1	49-3/4		PX1650916
16	3	4260	4-1/2	2-7/16	1-1/4	49-3/4		PX1650920
16	4	5970	4-1/4	2-7/16	1-1/4	65	PX1670120	
16	4	5970	4-1/4	2-7/16	1-1/2	65	PX1670124	
16	4	5970	4-1/2	2-7/16	1-1/4	63		PX1670920
16	5	7700	5-1/4	2-7/16	1-1/4	85	PX1680120	
16	5	7700	5-1/4	2-7/16	1-1/2	85	PX1680124	
16	5	7700	5-1/2	2-7/16	1-1/4	85		PX1680920

PA/PD

Polyurethane on Aluminum Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to aluminum core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels. PA wheels feature cast aluminum core. PD wheels feature die cast aluminum cores.

FEATURES

- **Hardness:** PA 95 Shore A, PD 60 Shore D
- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40 degrees to +180 degrees Fahrenheit

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

• New 8" and 10" diameter sizes

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for max. appl. rate)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01)	Wheel Number Precision Bearing (28)
4	1-1/2	600	1-5/8	1-3/16	1/2	1	PD0410108		
4	1-1/2	600	1-5/8	1-3/16	5/8	1	PD0410110		
4	1-1/2^	600	1-5/8	1-3/16	3/4	1	PD0410112~		
4	2	700	2-3/16	1-3/16	1/2	1-1/2	PD0420108		
4	2	700	2-3/16	1-3/16	5/8	1-1/2	PD0420110		
4	2	700	2-3/16	1-3/16	3/4	1-1/2	PD0420112~		
4	3-1/4	1200	3-1/4	1-15/16	1	3-1/4	PA0450116		
4	3-1/4	1200	3-1/4	1-15/16	1-1/4	3-1/4	PA0450120		
4	4-1/4	1600	4-1/4	1-15/16	1	4-1/4	PA0470116		
4	4-1/4	1600	4-1/4	1-15/16	1-1/4	4-1/4	PA0470120		
5	1-1/2	720	1-5/8	1-3/16	1/2	1-1/2	PD0510108		
5	1-1/2	720	1-5/8	1-3/16	5/8	1-1/2	PD0510110		
5	1-1/2^	720	1-5/8	1-3/16	3/4	1-1/2	PD0510112~		
5	2	1050	2-3/16	1-3/16	1/2	1-3/4	PD0520108		
5	2	1050	2-3/16	1-3/16	5/8	1-3/4	PD0520110		
5	2	1050	2-3/16	1-3/16	3/4	1-3/4	PD0520112*		
6	2	1230	2-3/16	1-3/16	1/2	2-1/4	PD0620108		
6	2	1230	2-3/16	1-3/16	5/8	2-1/4	PD0620110		
6	2	1230	2-3/16	1-3/16	3/4	2-1/4	PD0620112~		
8	2	1500	2-3/16	1-3/16	1/2	3-1/4	PD0820108		
8	2	1500	2-3/16	1-3/16	5/8	3-1/4	PD0820110		
8	2	1500	2-3/16	1-3/16	3/4	3-1/4	PD0820112~		
8	2-1/2	2010	3-1/4	1-15/16	1	4	PD0840116		
8	2-1/2	2010	3-1/2	2	3/4	4			PD0842812
8	3	2520	3-1/4	1-15/16	1	4-1/4	PD0850116		
8	3	2520	3-1/4	1-15/16	1-1/4	4-1/4	PD0850120		
8	3	2520	3-1/2	2	3/4	4-1/4			PD0852812
10	2-1/2	2370	3-1/4	1-15/16	1	4-3/4	PD1040116		
10	2-1/2	2370	3-1/2	2	3/4	4-3/4			PD1042812
10	3	3000	3-1/4	1-15/16	1	5	PD1050116		
10	3	3000	3-1/4	1-15/16	1	5	PD1050116		
10	3	3000	3-1/4	1-15/16	1-1/4	5	PD1050120		
10	3	3000	3-1/4	1-15/16	3/4	5	PD1052812		
12	6	7500	6-1/2	2.33	1-1/4	25-3/4	PA1290920		

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 2 7/16" spanner and spacers included.

* Complete with top hat and spacers.



Albion knows there are more shapes than round!
We make a wide variety of polyurethane shapes and sizes for many applications.

PM

Round Tread Polyurethane on Aluminum Core



90 Shore A Models



80 Shore A Models

Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Wheels feature a chemical and mechanical lock of tread to the core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 90 Shore A (green) or 80 Shore A (butterscotch)
- Wheels are complete with top hat and spacers
- **Wheel face:** Round tread
- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40 degrees to +180 degrees Fahrenheit

WHEEL OPTIONS

- Available in **80 Shore A** and **70 Shore D** consult factory.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



Tread is mechanically and chemically bonded through a patented process to a light weight durable aluminum core

- Handle obstructions and swivel easier compared to flat tread wheels
- Precision ball bearing for ultimate rolling ease
- Wheel includes two spacers

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Precision Ball (28)
5	2	1000	2-7/16	1-9/16	1/2	2	PM0522808
6	2	1250	2-7/16	1-9/16	1/2	3	PM0622808
8	2	1500	2-7/16	1-9/16	1/2	4	PM0822808
5	2	1000	2-7/16	1-9/16	1/2	2	PM052280880A
6	2	1250	2-7/16	1-9/16	1/2	3	PM062280880A
8	2	1500	2-7/16	1-9/16	1/2	4	PM082280880A

XV

Polyurethane V-Groove Wheels



Wheel face and "V"-groove are machined from heavy duty polyurethane. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but flat surfaces as well.

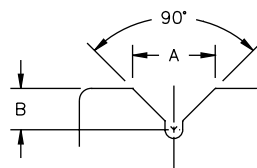
FEATURES

- **Hardness:** 60 Shore D
- **Wheel Face:** V-groove
- **Finish:** Green

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Groove Width "A" (Inches)	Groove Depth "B" (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (02)
4	2	300	2-3/16	1-3/16	3/4	7/8	7/16	1	XV0420212
5	2	300	2-3/16	1-3/16	3/4	7/8	7/16	1-1/2	XV0520212
6	2	300	2-3/16	1-3/16	3/4	7/8	7/16	1-3/4	XV0620212
8	2	300	2-3/16	1-3/16	3/4	7/8	7/16	2-3/4	XV0820212



Please note: Track alignment is critical when utilizing v-groove wheels.

XI X-treme® Solid Elastomer Wheel



Designed specifically for high-capacity manual applications involving chemicals, solvents or water. X-tremely low rolling resistance provides the ergonomic qualities you demand. One-piece construction affords freedom from tread separation with an exceptionally long life. Non-marking, floor protective tread. Enhance the appearance of your equipment by selecting virtually any wheel color! Personalize with your company name!

FEATURES

- **Hardness:** 75 Shore D
- **Wheel Face:** Moderate crown
- **Finish:** XI Green
- **Temperature Range:** up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Delrin Bearing (51)*	Wheel Number Precision Ball (28)	Wheel Number Roller Bearing (01)
4	2	1000	2-3/16	1-3/16	3/4	1	XI0425112		XI0420112~
	2	1000	2-7/16	-	1/2	1		XI0422808	
5	2	1000	2-3/16	1-3/16	3/4	1-1/2	XI0525112		XI0520112~
	2	1000	2-7/16	-	1/2	1-1/2		XI0522808	
6	2	1000	2-3/16	1-3/16	3/4	1-3/4	XI0625112		XI0620112~
	2	1000	2-7/16	-	1/2	1-3/4		XI0622808	
8	2	1000	2-3/16	1-3/16	3/4	4	XI0825112		XI0820112~
	2	1000	2-7/16	-	1/2	4		XI0822808	

~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
• Hub length is 2-3/8" for Delrin models.

XP X-treme® Plus Solid Elastomer Wheel



Heavy duty version of XI wheel.

FEATURES

- **Hardness:** 60 Shore D
- Premium Polyurethane
- Excellent for towing applications
- **Wheel Face:** Moderate crown
- **Finish:** XP Grey
- **Temperature Range:** up to +250 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel available for XP wheels, specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Delrin Bearing (51)*	Wheel Number Precision Ball (28)	Wheel Number Roller Bearing (01)
4	2	1400	2-3/16	1-3/16	3/4	1	XP0425112		XP0420112~
	2	1400	2-7/16	1-9/16	1/2	1		XP0422808	
5	2	1200	2-3/16	1-3/16	3/4	1-1/2	XP0525112		XP0520112~
	2	1200	2-7/16	1-9/16	1/2	1-1/2		XP0522808	
6	2	1400	2-3/16	1-3/16	3/4	1-3/4	XP0625112		XP0620112~
	2	1400	2-7/16	1-9/16	1/2	1-3/4		XP0622808	
	3	1700	3-1/2	2-7/16	3/4	5		XP0652812	
8	2	1200	2-3/16	1-3/16	3/4	4	XP0825112		XP0820112~
	2	1200	2-7/16	1-9/16	1/2	4		XP0822808	
	2-1/2	2000	3-1/2	2-7/16	3/4	5		XP0842812	
	3	2000	3-1/2	2-7/16	3/4	6		XP0852812	
10	2-1/2	2500	3-1/2	2-7/16	3/4	7		XP1042812	
	3	2500	3-1/2	2-7/16	3/4	8		XP1052812	

~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
• Hub length is 2-3/8" for Delrin models.

- Excellent for towing applications
- Special solid elastomer compounds built to handle heavy loads, shocks, impacts and chemicals
- One-piece compression molding design prevents tread separation
- Custom colors



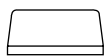
Polyurethane tires reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater cushioning or speed is involved. These wheels are also the perfect replacement wheel for many forklift brands.

FEATURES

- **Load Capacity:** 1.54 times greater than rubber
- Chunk and cut resistance
- Abrasion resistance
- Energy conservative design
- **Wheel Face:** as specified
- **Finish:** Green polyurethane or steel band
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A.

WHEEL OPTIONS

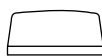
- Prevenz™ Antimicrobial tire specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



Flat tread



Speed groove



Crowned tread

• Heavy Duty

• High Wear Resistance



We can Re-Poly your old polyurethane on metal cores. Consult factory for details.

OD x Width x ID (inches)	Tire Number	Tread Style	Capacity (6 mph) (lbs)	Capacity (10 mph) (lbs)	Approximate Weight (lbs)
8-1/2 x 4 x 4	OG0870016	Flat	2200	1940	12
8-1/2 x 4 x 4	OG087001601	Crown	2200	1940	12
9 x 5 x 5	OG0980020	Flat	3020	2680	16
9 x 5 x 5	OG098002001	Crown	3020	2680	16
9 x 5 x 5	OG098002002	Groove	3020	2680	16
10 x 3 x 6-1/4	OG1050025	Flat	1690	1490	10
10 x 3 x 6-1/4	OG105002501	Crown	1690	1490	10
10 x 4 x 5	OG1070020	Flat	2480	2190	18
10 x 4 x 5	OG107002001	Crown	2480	2190	18
10 x 4 x 6-1/4	OG1070025	Flat	2460	2190	14
10 x 4 x 6-1/4	OG107002501	Crown	2460	2190	14
10 x 4 x 6-1/2	OG1070026	Flat	2490	2190	14
10 x 4 x 6-1/2	OG107002601	Crown	2490	2190	14
10 x 5 x 5	OG1080020	Flat	3210	2870	15
10 x 5 x 5	OG108002001	Crown	3210	2870	15
10 x 5 x 5	OG108002002	Groove	3210	2870	15
10 x 5 x 6-1/4	OG1080025	Flat	3270	2890	16
10 x 5 x 6-1/4	OG108002501	Crown	3270	2890	16
10 x 5 x 6-1/4	OG108002502	Groove	3270	2890	16
10 x 5 x 6-1/2	OG1080026	Flat	3190	2830	19
10 x 5 x 6-1/2	OG108002601	Crown	3190	2830	19
10 x 5 x 6-1/2	OG108002602	Groove	3190	2830	19
10 x 6 x 6-1/4	OG1090025	Flat	3960	3540	22
10 x 6 x 6-1/4	OG109002501	Crown	3960	3540	22
10 x 6 x 6-1/4	OG109002502	Groove	3960	3540	22
10 x 6 x 6-1/2	OG1090026	Flat	3940	3520	22
10 x 6 x 6-1/2	OG109002601	Crown	3940	3520	22
10 x 6 x 6-1/2	OG109002602	Groove	3940	3520	22
10 x 7 x 6-1/4	OG109002503	Flat	4770	4240	26
10 x 7 x 6-1/4	OG109002504	Groove	4770	4240	26
10 x 7 x 6-1/2	OG109002603	Flat	4750	4290	26
10 x 7 x 6-1/2	OG109002604	Groove	4750	4290	26
10 x 3 x 8	OG1050032	Flat	2000	1850	15
10-1/2 x 3 x 8	OG105003201	Groove	2000	1850	15
10-1/2 x 4 x 5	OG107002002	Flat	2170	1940	19
10-1/2 x 4 x 5	OG107002003	Crown	2170	1940	19
10-1/2 x 4 x 6-1/2	OG107002602	Flat	2130	2260	15
10-1/2 x 4 x 6-1/2	OG107002603	Crown	2130	2260	15
10-1/2 x 4-1/2 x 8	OG107003202	Flat	2820	2500	18
10-1/2 x 4-1/2 x 8	OG107003203	Crown	2820	2500	18
10-1/2 x 5 x 5	OG108002003	Flat	3470	3060	19
10-1/2 x 5 x 5	OG108002004	Crown	3470	3060	19
10-1/2 x 5 x 5	OG108002005	Groove	3470	3060	19
10-1/2 x 5 x 6-1/4	OG108002503	Flat	3330	2970	20
10-1/2 x 5 x 6-1/4	OG108002504	Crown	3330	2970	20
10-1/2 x 5 x 6-1/4	OG108002505	Groove	3330	2970	20
10-1/2 x 5 x 6-1/2	OG108002603	Flat	3380	2990	20
10-1/2 x 5 x 6-1/2	OG108002604	Crown	3380	2990	20
10-1/2 x 5 x 6-1/2	OG108002605	Groove	3380	2990	20

Continues on next page

OD x Width x ID (Inches)	Tire Number	Tread Style	Capacity (6 mph) (lbs)	Capacity (10 mph) (lbs)	Approximate Weight (lbs)
10-1/2 x 6 x 5	OG1090020	Flat	4400	3900	24
10-1/2 x 6 x 5	OG109002001	Crown	4400	3900	24
10-1/2 x 6 x 5	OG109002002	Groove	4400	3900	24
10-1/2 x 6 x 6-1/4	OG109002505	Flat	4330	3870	23
10-1/2 x 6 x 6-1/4	OG109002506	Crown	4330	3870	23
10-1/2 x 6 x 6-1/4	OG109002507	Groove	4330	3870	23
10-1/2 x 6 x 6-1/2	OG109002605	Flat	4310	3850	23
10-1/2 x 6 x 6-1/2	OG109002606	Crown	4310	3850	23
10-1/2 x 6 x 6-1/2	OG109002607	Groove	4310	3850	23
10-1/2 x 7 x 6-1/2	OG109002608	Flat	5040	4450	27
10-1/2 x 7 x 6-1/2	OG109002609	Groove	5040	4450	27
10-1/2 x 8 x 6-1/2	OG109002610	Flat	5690	5080	31
10-1/2 x 8 x 6-1/2	OG109002611	Groove	5690	5080	31
12 x 3-1/2 x 8	OG1260032	Flat	2390	2110	11
12 x 3-1/2 x 8	OG126003201	Crown	2390	2110	11
12 x 4 x 8	OG1270032	Flat	2840	2510	13
12 x 4 x 8	OG127003201	Crown	2840	2510	13
12 x 4-1/2 x 8	OG127003202	Flat	3300	2910	15
12 x 4-1/2 x 8	OG127003203	Crown	3300	2910	15
12 x 5 x 8	OG1280032	Flat	3770	3300	17
12 x 5 x 8	OG128003201	Crown	3770	3300	17
12 x 5 x 8	OG128003202	Groove	3770	3300	17
12 x 5-1/2 x 8	OG12900320	Flat	4080	3710	19
12 x 5-1/2 x 8	OG129003201	Crown	4080	3710	19
12 x 5-1/2 x 8	OG129003202	Groove	4080	3710	19
12 x 6 x 8	OG129003203	Flat	4520	4110	21
12 x 6 x 8	OG129003204	Crown	4520	4110	21
12 x 6 x 8	OG129003205	Groove	4520	4110	21
12 x 6-1/2 x 8	OG129003206	Flat	4960	4510	23
12 x 6-1/2 x 8	OG129003207	Groove	4960	4510	23
12 x 7 x 8	OG129003208	Flat	5300	4900	25
12 x 7 x 8	OG129003209	Groove	5300	4900	25
13 x 3-1/2 x 8	OG1360032	Flat	2480	2200	20
13 x 3-1/2 x 8	OG136003201	Crown	2480	2200	20
13 x 4-1/2 x 8	OG1370032	Flat	3540	3130	27
13 x 4-1/2 x 8	OG137003201	Crown	3540	3130	27
13 x 5-1/2 x 8	OG1390032	Flat	3600	3240	33
13 x 5-1/2 x 8	OG139003201	Crown	3600	3240	33
13 x 5-1/2 x 8	OG139003202	Groove	3600	3240	33
13-1/2 x 4-1/2 x 8	OG137003202	Flat	3620	3200	28
13-1/2 x 4-1/2 x 8	OG137003203	Crown	3620	3200	28
13-1/2 x 5-1/2 x 8	OG138003203	Flat	4740	4200	34
13-1/2 x 5-1/2 x 8	OG138003204	Crown	4740	4200	34
13-1/2 x 5-1/2 x 8	OG138003205	Groove	4740	4200	34
14 x 4-1/2 x 8	OG1470032	Flat	3680	3260	31
14 x 4-1/2 x 8	OG147003201	Crown	3680	3260	31
15 x 5 x 11-1/4	OG1580045	Flat	4390	3880	33
15 x 5 x 11-1/4	OG158004501	Crown	4390	3880	33
15 x 5 x 11-1/4	OG158004502	Groove	4390	3880	33

OD x Width x ID (Inches)	Tire Number	Tread Style	Capacity (6 mph) (lbs)	Capacity (10 mph) (lbs)	Approximate Weight (lbs)
15 x 6 x 11-1/4	OG1590045	Flat	5440	4800	40
15 x 6 x 11-1/4	OG159004501	Crown	5440	4800	40
15 x 6 x 11-1/4	OG159004502	Groove	5440	4800	40
15 x 7 x 11-1/4	OG159004503	Flat	6480	5730	47
15 x 7 x 11-1/4	OG159004504	Groove	6480	5730	47
15 x 8 x 11-1/4	OG159004505	Flat	7530	6650	53
15 x 8 x 11-1/4	OG159004506	Groove	7530	6650	53
15 x 9 x 11-1/4	OG159004507	Flat	8700	7700	60
15 x 9 x 11-1/4	OG159004508	Groove	8700	7700	60
15-1/2 x 5 x 10	OG1580040	Flat	4640	4110	39
15-1/2 x 5 x 10	OG158004001	Crown	4640	4110	39
15-1/2 x 5 x 10	OG158004002	Groove	4640	4110	39
15-1/2 x 6 x 10	OG1590040	Flat	5880	5210	46
15-1/2 x 6 x 10	OG159004001	Crown	5880	5210	46
15-1/2 x 6 x 10	OG159004002	Groove	5880	5210	46
16 x 5 x 10-1/2	OG1680042	Flat	4760	4200	40
16 x 5 x 10-1/2	OG168004201	Crown	4760	4200	40
16 x 5 x 10-1/2	OG168004202	Groove	4760	4200	40
16 x 6 x 10-1/2	OG1690042	Flat	6040	5330	48
16 x 6 x 10-1/2	OG169004201	Crown	6040	5330	48
16 x 6 x 10-1/2	OG169004204	Groove	6040	5330	48
16 x 7 x 10-1/2	OG169004203	Flat	7320	6470	57
16 x 7 x 10-1/2	OG169004204	Groove	7320	6470	57
16-1/4 x 4 x 11-1/4	OG1670045	Flat	3560	3140	32
16-1/4 x 4 x 11-1/4	OG167004501	Crown	3560	3140	32
16-1/4 x 5 x 11-1/4	OG1680045	Flat	4800	4250	40
16-1/4 x 5 x 11-1/4	OG168004501	Crown	4800	4250	40
16-1/4 x 5 x 11-1/4	OG168004502	Groove	4800	4250	40
16-1/4 x 6 x 11-1/4	OG1690045	Flat	6050	5360	48
16-1/4 x 6 x 11-1/4	OG169004501	Crown	6050	5360	48
16-1/4 x 6 x 11-1/4	OG169004502	Groove	6050	5360	48
16-1/4 x 7 x 11-1/4	OG169004503	Flat	7300	6450	56
16-1/4 x 7 x 11-1/4	OG169004504	Groove	7300	6450	56
18 x 5 x 12-1/8	OG1880049	Flat	5170	4590	43
18 x 5 x 12-1/8	OG188004901	Crown	5170	4590	43
18 x 6 x 12-1/8	OG1890049	Flat	6610	5850	52
18 x 6 x 12-1/8	OG189004901	Crown	6610	5850	52
18 x 7 x 12-1/8	OG189004902	Flat	8040	7110	63
18 x 7 x 12-1/8	OG189004903	Groove	8040	7110	63
18 x 8 x 12-1/8	OG189004904	Flat	9470	8380	71
18 x 8 x 12-1/8	OG189004905	Groove	9470	8380	71
18 x 9 x 12-1/8	OG189004906	Flat	10900	9660	82
18 x 9 x 12-1/8	OG189004907	Groove	10900	9660	82
18 x 4 x 14	OG1870056	Flat	3850	3400	32
18 x 4 x 14	OG187005601	Crown	3850	3400	32
18 x 5 x 14	OG1880056	Flat	5070	4480	40
18 x 5 x 14	OG188005601	Crown	5070	4480	40
18 x 7 x 14	OG1890056	Flat	7530	6650	58
18 x 7 x 14	OG189005601	Groove	7530	6650	58

OG

Press-On Mini Polyurethane Wheels



Polyurethane tires will reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater cushioning or speed is involved.

FEATURES

- **Wheel Face:** Flat
- **Finish:** Green tread on grey hub
- **Temperature Range:** -40°F up to +180°F
- **Hardness:** 95 Shore A

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Wheel Diameter (Inches)	Tread Width (Inches)	Tire ID, Core OD (Inches)	Capacity (Lbs) (Load for normal operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01)	Wheel Number Over Spacers (09)
5	4	3	2240	4-1/4	1-15/16	1-1/4	10	0G057012001	
5	4	3	2240	4-1/2	2	1	10		0G057091601
5	5	3	2800	5-1/4	1-15/16	1-1/4	13	0G058012001	
5	5	3	2800	5-1/2	2	1	13		0G058091601
6	4	4	2990	4-1/4	1-15/16	1-1/4	18-1/2	0G067012001	
6	4	4	2990	4-1/2	2	1	18-1/2		0G067091601
6	5	4	3700	4-1/4	1-15/16	1-1/4	20	0G068012001	
6	5	4	3700	5-1/2	2	1	20		0G068091601
6	6	4	4400	6-1/2	2	1	23		0G069091601
7	4	5	3040	4-1/2	2	1	22		0G077091601
7	5	5	3800	5-1/2	2	1	27-1/2		0G078091601
7	6	5	4550	6-1/2	2-7/16	1-1/4	33		0G079092001
8	3	6	2640	3-1/2	1-15/16	3/4	18		0G085091201
8	4	6	3670	4-1/2	2	1	20		0G087091601
8	5	6	4590	5-1/2	2-7/16	1-1/4	25		0G088091601
8	6	6	5500	6-1/2	2-7/16	1-1/4	36		0G089092001
10	3	8	3000	3-1/2	1-15/16	3/4	26		0G105091201
10	4	8	4000	4-1/2	2-7/16	1	31		0G107091601
10	5	8	5000	5-1/2	2	1	41		0G108091601
10	6	8	6000	6-1/2	2-7/16	1-1/4	64		0G109092001
10-1/2	3	8	3300	3-1/2	1-15/16	3/4	27		0G105091202
10-1/2	4	8	4400	4-1/2	2-7/16	1	32-1/2		0G107091602
10-1/2	5	8	5500	5-1/2	2-11/32	1-1/4	43		0G108092001
10-1/2	6	8	6600	6-1/2	2-7/16	1-1/4	66		0G109092002

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XA

Polyurethane on Polypropylene Core Wheel



Excellent properties where washdown of material handling equipment is required. Tread is mechanically locked to an injection molded polymer core to prevent separation. Polyurethane wheels offer greater load capacity than rubber. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is grey on grey core.

FEATURES

- **Hardness:** 90 Shore A
- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40 to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



Prevenz™ Antimicrobial Available on all Models

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01)	Wheel Number Precision Bearing (28)
3	1-1/4	300	1-1/2	—	3/8	3/8	XA0303106	XA0302806*
3-1/2	1-1/4	360	1-1/2	—	3/8	3/8	XA03X3106	XA03X2806*
4	1-1/4	400	1-1/2	—	3/8	1/2	XA0403106	XA0402806*
4	2	600	2-3/16	1-3/16	3/4	1/2	XA0420112~	
5	1-1/4	440	1-1/2	—	3/8	3/4	XA0503106	XA0502806*
5	2	750	2-3/16	1-3/16	3/4	1-3/4	XA0520112~	
6	2	900	2-3/16	1-3/16	3/4	2-1/2	XA0620112~	
8	2	1000	2-3/16	1-3/16	3/4	2-3/4	XA0820112~	
10	2-1/2	1500	3-1/4	1-15/16	1	3	XA1040116	
10	2-1/2	1500	3-1/2	—	1	3		XA1042812

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.
*Complete with thread guard spacer.

NEW MODEL!

New Light Duty XA 1-1/4" tread width models.



*Precision Bearing models come standard with thread guards.

XB

Polyurethane Shopping Cart Wheel



Designed specifically for the shopping cart industry. Tread is mechanically locked to an injection molded polymer core to prevent separation. Polyurethane wheels offer greater load capacity than rubber. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils.

FEATURES

- **Tread Hardness:** 60 Shore D
- **Wheel Face:** Moderate crown
- **Finish:** Blue Tread with Blue Thread Guard
- **Temperature Range:** -40 to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- Custom colors
- Special duraometers
- For customization & special application options, please consult factory.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Annular Ball (31)
5	1-1/4	350	1.5	1.26	5/16	3/4	XB050310508
5	1-1/4	350	1.5	1.26	3/8	3/4	XB050310610



Anti static replacement wheel specify XB050310510

Wheel utilizes a synthetic resin impregnated with electrically conductive material in the wheel. With each revolution, the conductor makes contact with the floor reducing static build-up.



Self-Decelerating replacement wheel specify XB050310511

Our self-deceleration wheel covers are made of polymer, that encompass and compress our bearing protecting polyurethane shock absorber. This provides you with adjustable self-deceleration.

PI Polyurethane on Cast Iron Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Green tread on silver painted core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Now available in 2-1/2" and 3" tread width models, consult factory.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Economical Model

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Bearing	Wheel Number
4	2	700	2-7/16	1-3/16	1/2	Industrial Ball	PI0422708
4	2	700	2-3/16	1-3/16	5/8	Roller	PI0420110
4	2	700	2-3/16	1-3/16	3/4	Roller	PI0420112~
4	2	700	2-3/16	1-3/16	1-3/16	Plain	PI0420019
5	2	1000	2-7/16	1-3/16	1/2	Industrial Ball	PI0522708
5	2	1000	2-3/16	1-3/16	3/4	Roller	PI0520112~
5	2	1000	2-3/16	1-3/16	1-3/16	Plain	PI0520019
6	2	1200	2-7/16	1-3/16	1/2	Industrial Ball	PI0622708
6	2	1200	2-7/16	1-3/16	1/2	Pedestal Precision Ball	PI0622908
6	2	1200	2-3/16	1-3/16	5/8	Roller	PI0620110
6	2	1200	2-3/16	1-3/16	3/4	Roller	PI0620112~
6	2	1200	2-3/16	1-3/16	3/4	Delrin	PI0625112
6	2	1200	2-3/16	1-3/16	1-3/16	Plain	PI0620019
6	2-1/2	1600	3-1/4	1-15/16	1-15/16	Plain	PI0640031
6	3	2000	3-1/4	1-15/16	1-15/16	Plain	PI0650031
8	2	1400	2-7/16	1-3/16	1/2	Industrial Ball	PI0822708
8	2	1400	2-7/16	1-3/16	1/2	Pedestal Precision Ball	PI0822908
8	2	1400	2-3/16	1-3/16	3/4	Roller	PI0820112~
8	2	1400	2-3/16	1-3/16	1-3/16	Plain	PI0820019
8	2-1/2	2000	3-1/4	1-15/16	1-15/16	Plain	PI0840031
8	2-1/2	2000	3-1/4	1-15/16	1	Roller	PI0840116
8	3	2500	3-1/4	1-15/16	1	Roller	PI0850116
8	3	2500	3-1/4	1-15/16	1-15/16	Plain	PI0850031
10	2-1/2	2200	3-1/4	1-15/16	1	Roller	PI1040116
10	2-1/2	2200	3-1/4	1-15/16	1-15/16	Plain	PI1040031
10	3	3000	3-1/4	1-15/16	1	Roller	PI1050116
10	3	3000	3-1/4	1-15/16	1-15/16	Plain	PI1050031
12	2-1/2	2500	3-1/4	1-15/16	1-15/16	Plain	PI1240031
12	3	3500	3-1/4	1-15/16	1	Roller	PI1250116
12	3	3500	3-1/4	1-15/16	1-15/16	Plain	PI1250031

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.



POLYURETHANE EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

IX



Polyurethane on Polypropylene (Flat Tread)

EMPIRE™
Casters & Wheels

- Economical
- Ready to Ship

Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Flat with rounded edges
- **Finish:** Green tread; grey polypropylene core

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Less Bearing (00)	Wheel Number Roller Bearing (01)
4	2	500	2-3/16	1-3/16	3/4	1/2	IX0420019	IX0420112
5	2	600	2-3/16	1-3/16	3/4	1-3/4	IX0520019	IX0520112
6	2	800	2-3/16	1-3/16	3/4	2-1/2	IX0620019	IX0620112
8	2	900	2-3/16	1-3/16	3/4	2-3/4	IX0820019	IX0820112

IZ

NEW!



Polyurethane on Polypropylene (Round Tread)

EMPIRE™
Casters & Wheels

Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Round tread
- **Finish:** Green tread; grey polypropylene core

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Less Bearing (00)	Wheel Number Roller Bearing (01)
4	2	400	2-3/16	1-3/16	3/4	1/2	IZ0420019	IX0420112
5	2	500	2-3/16	1-3/16	3/4	1-3/4	IZ0520019	IX0520112
6	2	700	2-3/16	1-3/16	3/4	2-1/2	IZ0620019	IX0620112
8	2	800	2-3/16	1-3/16	3/4	2-3/4	IZ0820019	IX0820112

IP



Polyurethane on Cast Iron

EMPIRE™
Casters & Wheels

Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Flat with rounded edges
- **Finish:** Green tread; grey cast iron core

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Less Bearing (00)	Wheel Number Roller Bearing (01)
4	2	700	2-3/16	1-3/16	3/4	3	IP0420019	IP0420112
5	2	900	2-3/16	1-3/16	3/4	3-1/2	IP0520019	IP0520112
6	2	900	2-3/16	1-3/16	3/4	4	IP0620019	IP0620112
8	2	900	2-3/16	1-3/16	3/4	6	IP0820019	IP0820112