



VULKOLLAN®

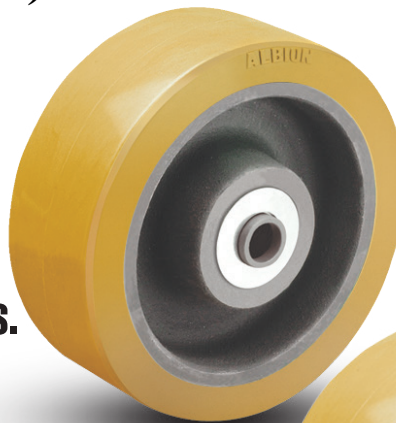
THE ULTIMATE ELASTOMER



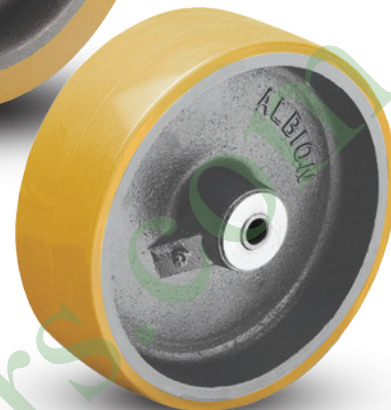
VULKOLLAN® MODELS

We are one of the very few companies licensed to produce Vulkollan Polyurethane Raw Materials.

Now the highest quality polyurethane in the world is available from the highest quality caster company in the world. Beware of imitators; competitors will produce knockoff wheels that look like Vulkollan®, but do not match its performance. Albion guarantees authentic Vulkollan®. If you are looking for unmatched performance and legendary durability, look to Albion – your source for the best polyurethane wheels in the world.



Thick Tread VX



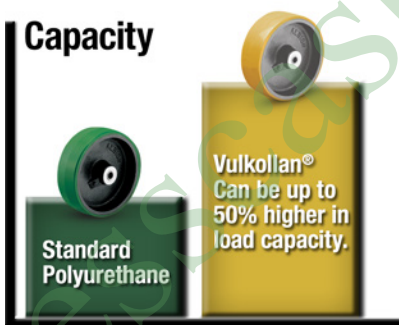
Standard Tread VY

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

Capacity



Product Life



Tear Resistance



APPLICATIONS



VY



Ergonomic



Premium Quality



Towing[^]

Vulkollan[®]

on Cast Iron

Made in the USA



Vulkollan are the highest quality polyurethane wheels with unmatched performance and durability.

FEATURES

- **Thickness:** 1/2" thick polyurethane tread
- **Wheel Face:** Tapered 3° Crown
- **Finish:** Orange/Brown tread on cast iron core
- **Hardness:** 95 Shore A
- **Temperature Range:** -40°F to +180°F

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- 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



Depending on diameter and tread width, cores may be spoked, solid

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 Roller Bearing (01,05)	Wheel Number Tapered Bearing (09)	Wheel Number Precision Ball (28)
4	2	1100	2-3/16	1-3/16	1/2	5	VY0420112		
5	2	1400	2-3/16	1-3/16	1/2	6			VY0522808
5	2	1400	2-3/16	1-3/16	3/4	6	VY0520112		
6	2	1500	2-3/16	1-3/16	1/2	8			VY0622808
6	2	1500	2-3/16	1-3/16	3/4	8	VY0620112		
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	2000	2-3/16	1-3/16	1/2	9			VY0822808
8	2	2000	2-3/16	1-3/16	3/4	9	VY0820112		
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.

[^]Towing: Consult factory prior to ordering to ensure selection supports your towing requirement



VX
Thick Tread Vulkollan®
on Cast Iron
 Made in the USA

- Ergonomic
- Premium Quality
- Towing[^]

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FEATURES

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- **Wheel Face:** Flat
- **Finish:** Orange/Brown tread on cast iron core
- **Hardness:** 95 Shore A
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Thick Tread Vulkollan on Cast Iron									
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	3-1/2	2.04	3/4	13-3/4			VX0652912
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	3-1/2	2.04	3/4	16			VX0852912
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	3-1/2	2.04	3/4	20-1/2			VX1052912
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	

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