

Durastan Phenolic Wheels

Durastan wheels are molded from prime phenolic resin compounds for maximum density and strength. Durastan wheels are of a special water resistant compound using a homogeneous fiber reinforcement that gives excellent service even in wet and cold applications. In addition, Durastan wheels resist degradation, deterioration, corrosion from oil, grease, commonly used acids and solvents. Durastan wheels are recommended for all types of floors except resilient tile. Durastan wheels should not be towed at high speeds or used on poor or damaged floors.



DUR-1030-16

Features

Wheel Bearing: Choice of straight roller, annular ball, celcon or plain

Retaining Washer: All wheels 1-1/2" and wider with roller bearings are equipped with a metal thrust/retainer washer

Temperature Range: -65° to 275°F continuously, 300°F intermittently

Bores : Special sizes available upon request

Lubrication : Lubrication fittings standard on 2-1/2" and wider wheels

Hardness: 90 Shore D Durometer

Applications

Durastan phenolic wheels are made from macerated cotton canvas and mixed with a quality premium phenolic resin compound. They are molded under high pressure under controlled conditions to produce a maximum density, superior strength product. Durastan phenolic wheels are extremely hard 90 Shore D, and roll very easily. They are not as loud as steel wheels and provide better floor protection. They are a very popular wheel and are used in a wide range of industrial applications including manufacturing, warehousing and bakeries. Durastan phenolic wheels are very economical. Special high temperature Durastan phenolic wheels are available for -45 to 475° Fahrenheit applications found in industrial bakeries and other high temperature applications. Durastan phenolic wheels are not recommended for submerged or constant wet environments.

Options

TG Thread Guards on 1-1/4", 1-1/2" & 2" wide

WS Wheel Seals

ZF Zerk Fittings (standard on 6" x 2-1/2" and larger)

Other Phenolic/Durastan Compounds

DL-Laminated

The Durastan Laminated wheels have a macerated center with a continuously wound canvas tread bonded with phenolic resin. These wheels provide the same good floor protection as our standard Durastan wheels, but have a greater resistance to fraying and chipping with approximately 35% more impact strength than a standard phenolic wheel and 25% greater capacity. The Durastan laminated wheels are ideal where standard wheels are indicating premature wear.










DH-High Temperature

High temperature compounds are available for applications up to 475°F continuously. Because of their special high heat compounds, these wheels are more brittle than standard Durastan wheels. Rough uneven floors should be avoided with these wheels.

SPECIFICATIONS

Wheel Diameter	Wheel Width	lbs.Capacity	Axle Diameter	Straight Roller Bearing	Ball Bearing	Plain, Oilite, Celcon Bearing	Hub Length	Approx Wt.
3"	1-1/4"	400	5/16" 3/8" 1/2"		DUB-0312-05 DUB-0312-06	DUC-0312-05 DUC-0312-06 DUC-0312-08	1-15/32"	0.6
3"	1-1/2"	500	3/8" 1/2" 5/8" 3/4"	DUR-0315-06 DUR-0315-08 DUR-0315-10 DUR-0315-12		DUC-0315-06 DUC-0315-08 DUC-0315-10 DUC-0315-12	1-7/8"	0.9
3"	1-3/4"	400	1/2" 3/4"	DUR-0317-08 DUR-0317-12			1-15/16"	0.8
3-1/4"	1-1/2"	600	1/2" 5/8" 3/4"	DUR-3215-08 DUR-3215-10 DUR-3215-12		DUC-3215-08 DUC-3215-10 DUC-3215-12	1-7/8"	0.9
3-1/4"	2"	700	1/2" 5/8" 3/4"	DUR-3220-08 DUR-3220-10 DUR-3220-12		DUC-3220-08 DUC-3220-10 DUC-3220-12	2-7/16"	1.5
3-1/2"	1-1/4"	400	5/16" 3/8" 1/2"		DUB-3512-05 DUB-3512-06	DUC-3512-05 DUC-3512-06 DUC-3512-08	1-15/32"	0.9
4"	1-1/4"	400	5/16" 3/8" 1/2"		DUB-0412-05 DUB-0412-06	DUC-0412-05 DUC-0412-06 DUC-0412-08	1-15/32"	0.9

UP TO 8,000 POUND CAPACITY

 Wheel Diameter	 Wheel Width	 lbs. Capacity	 Axle Diameter	 Straight Roller Bearing	 Ball Bearing	 Plain, Oilite, Celcon Bearing	 Hub Length	 lbs. Approx. Wt.		
4"	1-1/2"	600	3/8"	DUR-0415-06	DUB-0415-06	DUC-0415-06	1-7/8"	1.0		
			1/2"	DUR-0415-08	DUB-0415-08	DUC-0415-08				
			5/8"	DUR-0415-10		DUC-0415-10				
			3/4"	DUR-0415-12		DUC-0415-12				
4"	2"	800	1/2"	DUR-0420-08		DUC-0420-08	2-7/16"	1.9		
			5/8"	DUR-0420-10		DUC-0420-10				
			3/4"	DUR-0420-12		DUC-0420-12				
5"	1-1/4"	400	5/16"		DUB-0512-05	DUC-0512-05	1-15/32"	1.4		
			3/8"		DUB-0512-06	DUC-0512-06				
			1/2"			DUC-0512-08				
5"	1-1/2"	650	3/8"	DUR-0515-06	DUB-0515-06	DUC-0515-06	1-7/8"	1.7		
			1/2"	DUR-0515-08	DUB-0515-08	DUC-0515-08				
			5/8"	DUR-0515-10		DUC-0515-10				
			3/4"	DUR-0515-12		DUC-0515-12				
5"	2"	1000	1/2"	DUR-0520-08		DUC-0520-08	2-7/16"	1.9		
			5/8"	DUR-0520-10		DUC-0520-10				
			3/4"	DUR-0520-12		DUC-0520-12				
6"	1-1/2"	800	3/8"	DUR-0615-06	DUB-0615-06	DUC-0615-06	1-7/8"	2.2		
			1/2"	DUR-0615-08	DUB-0615-08	DUC-0615-08				
			3/8"	DUR-0615-10		DUC-0615-10				
			3/4"	DUR-0615-12		DUC-0615-12				
6"	2"	1200	1/2"	DUR-0620-08	DUB-0620-08	DUC-0620-08	2-7/16"	3.5		
			5/8"	DUR-0620-10	DUB-0620-10	DUC-0620-10				
			3/4"	DUR-0620-12	DUB-0620-12	DUC-0620-12				
6"	2-1/2"	1600	3/4"	DUR-0625-12-YY			3"	4.8		
			1"	DUR-0625-16-YY						
			1"	DUR-0625-16-YY-SI						
			1-1/4"	DUR-0625-20-YY						
			3/4"	DUR-0625-12						
			1"	DUR-0625-16						
6"	3"	2000	1"	DUR-0625-16-SI			3-1/2"	5.1		
			1-1/4"	DUR-0625-20						
			3/4"	DUR-0630-12						
			1"	DUR-0630-16						
6"	3"	2000	1"	DUR-0630-16-SI			3-1/2"	5.0		
			1-1/4"	DUR-0630-20						
			1-1/4"	DUR-0630-20						
8"	2"	1400	1/2"	DUR-0820-08	DUB-0820-08	DUC-0820-08	2-7/16"	4.4		
			5/8"	DUR-0820-10	DUB-0820-10	DUC-0820-10				
			3/4"	DUR-0820-12	DUB-0820-12	DUC-0820-12				
8"	2-1/2"	1800	3/4"	DUR-0825-12-YY			3"	5.4		
			1"	DUR-0825-16-YY						
			1"	DUR-0825-16-YY-SI						
			1-1/4"	DUR-0825-20-YY						
		2000	3/4"	DUR-0825-12					3-1/2"	7.0
			1"	DUR-0825-16						
8"	3"	2500	1"	DUR-0825-16-SI			3-1/2"	7.6		
			1-1/4"	DUR-0825-20						
			3/4"	DUR-0830-12						
			1"	DUR-0830-16						
10"	2-1/2"	1800	1"	DUR-0830-16-SI			3"	8.2		
			1-1/4"	DUR-0830-20						
			3/4"	DUR-1025-12-YY						
			1"	DUR-1025-16-YY						
		2500	1"	DUR-1025-16-YY-SI					3-1/2"	7.0
			1-1/4"	DUR-1025-20-YY						
10"	3"	2900	3/4"	DUR-1025-12			3-1/2"	10.2		
			1"	DUR-1025-16						
			1"	DUR-1025-16-SI						
			1-1/4"	DUR-1025-20						
10"	3"	2900	3/4"	DUR-1030-12			3-1/2"	10.2		
			1"	DUR-1030-16						
			1-1/4"	DUR-1030-16-SI						
12"	2-1/2"	3000	1-1/4"	DUR-1030-20			3"	12.0		
			3/4"	DUR-1225-12-YY						
			1"	DUR-1225-16-YY						
			1"	DUR-1225-16-YY-SI						
12"	3"	3500	1-1/4"	DUR-1225-20-YY			3-1/2"	13.3		
			3/4"	DUR-1230-12						
			1"	DUR-1230-16						
			1"	DUR-1230-16-SI						
12"	3-1/2"	4000	1-1/4"	DUR-1230-20			4-1/2"	15.3		
			1"	DUR-1235-16						
12"	4"	4000	1-1/4"	DUR-1235-20			4-1/2"	26.25		
16"	3"	4000	1-1/4"	DUR-1240-20			4-1/2"	27.0		
			1"	DUR-1630-16						
16"	4"	8000	1-1/4"	DUR-1630-20			5-1/2"	35.0		
			1"	DUR-1640-16						
18"	3"	3500	1-1/4"	DUR-1640-20			3-1/2"	24.0		
			1"	DUR-1830-16						
			1-1/4"	DUR-1830-20						

UP TO 8,000 POUND CAPACITY