Pneumatic Rubber-Tired Wheels
Series PR — Cap. to 3,700 lbs.

HAMILTON®

Like an automobile tire, the low speed industrial pneumatic wheel uses air pressure to provide shock absorption, quiet operation, and ease of rolling over rough terrain. Models 8" through 16" (upper chart) are equipped with straight roller bearings, except #W-9-PR which has ⅝" ball bearings for hand truck use. The lower chart features 10" through 25" models having sealed precision tapered roller bearings for more demanding applications. Wheels are not intended for highway use.

QUALITY FEATURES:

Demountable (bolted) hubs on all models except #W-9-PR, and #W-164-PR.

Heavy-duty hubs with anti-friction bearings.

To order, add bearing size to catalog number.
***Example:* W-10-PR-¾**

★ = available ***PRONTO***® with bearing size in red.

Dimensions in Inches

Nom. Dia.‡	Tire Size	Ply Rating (Load Range)	Max Air Infl. Lbs.	Load Cap. Lbs.†	Hub Length*	Catalog Number	Bearing Sizes	Wt. Lbs.
8	2.80/2.50-4	4(B)	50	330	3	★W-8-PR-	⅝-¾-1	4¼
10	4.10/3.50-4	4(A)	50	320	2¼ offs.	★W-9-PR-⅝	⅝ ball brg.	4½
	3.40/3.00-5	4(B)	100	480	3	★W-10-PR-	⅝-¾-1	5¾
12	4.10/3.50-6	4(B)	50	625	3¼	★W-12-PR-1	1	8¼
16	4.80-8	4(B)	60	960	4½	★W-164-PR-	1-1¼	11½
WITH HEAVY DUTY SEALED TAPERED BEARINGS*								
10	3.40/3.00-5	4(B)	100	480	3⅜	★W-10-PRT-¾	¾	6
12	4.10/3.50-6	4(B)	50	625	4⅜	★W-12-PRT-	¾-1	8½
16	4.80-8	6(C)	90	1220	4⅞,4½	★W-166-PRT-	1-1¼	17
18	5.70-8	8(D)	115	1655	4⅞,4½	★W-188-PRT-	1-1¼	22
21	6.90-9	10(E)	125	2500	6¾	W-210-PRT-1¼	1¼	38
25	7.50-10	10(E)	100	3700	6¾	W-250-PRT-1¼	1¼	57

† Capacity ratings shown are based on Tire & Rim Association ratings for tires at maximum inflation and speeds of 5 m.p.h.
‡ Approximate since O.D. of tires can vary, as will deflection with tire pressure and loading.
* Hub length dimension on wheels equipped with tapered bearings includes thrust spacers.

Gray Non-Marking Tread is available as an option.

Vulcalite™ Wheels
Series AR — Cap. to 500 lbs.

Vulcalite™ rubber-on-aluminum wheels come with a gray nonmarking tire permanently vulcanized to a die cast aluminum center. The solid tires have a hardness of 70 Durometer (±5, Shore A). In addition to its non-marking characteristics, the gray compound possesses excellent "bounce" properties that enhance rollability.

You can substitute the wheels below for Moldon Rubber-Tired wheels in any caster by changing the "-R" suffix to "-AR." Straight roller bearings are standard in all *Vulcalite*™ Wheels except the 4" x 1½" and 8" x 1⅝" size, which have ball bearings. Ball check lubrication fittings are provided in roller bearing hubs.

OPTIONAL EXTRAS

- Wheel Bearing Seals – see pg. 18.
- Spanner Bushings – select from pg. 77.
- Other Sizes – may be available on special order if quantity warrants; consult factory.

To order, add bearing size to catalog number.
***Example:* W-820-AR-¾.**

★ = available ***PRONTO***® with bearing size in red.

Dimensions in Inches

Dia.	Face	Cap. Lbs.	Straight Roller Bearings			Wt. Lbs.
			Hub. Length	Catalog Number	Bearing Sizes	
4	1½	200	1⅞	★W-415-AR-⅝	⅝ Ball brg.	1¼
5	1½	240	1⅝	★W-515-AR-	½-⅝-¾	3¾
	2	350	2¼	★W-520-AR-	½-⅝-¾	2½
6	2	410	2¼	★W-620-AR-	½-⅝-¾	3¾
8	1⅝	375	2	★W-815-AR-⅝	⅝ Ball brg.	2½
	2	500	2¼	★W-820-AR-	½-⅝-¾	3¾