

These attractive and durable wheels feature a resilient tread of red polyurethane (90-95 Durometer Shore A) mechanically bonded to a specially designed white center of harder polypropylene. The result is a non-marking, contemporary looking wheel ideally suited for hospitals, schools, restaurants, hotels and motels, office buildings or light industry.



This illustration of polypropylene core prior to molding on tread shows how the urethane tread material locks into, around, and onto the specially configured rim.

*Additional non-stock sizes and colors are available, consult factory.*

**To order, add bearing size to catalog number.**

**Example: W-620-NF-3/4.**



**Poly-Tech®** wheels are offered with Delrin® bearings, ball bearings, stainless steel ball bearings and straight roller bearings. The 1 3/8" wide wheels, formerly part of the Nu-Flex Series, are available in the following series; **HL**, **300**, and **STL**. You will find the 4" x 2", 5" x 2", 6" x 2" and 8" x 2" sizes offered in our cold-forged caster series (pg. 36 - 43) as well as **Series STA** and **BC**.

★ = available for 1-2 day **PRONTO®** shipment.

Dimensions in Inches

Dia.	Face	Delrin® Bearings				Ball Bearings				Stainless Steel Ball Bearings				Straight Roller Bearings				Wt. Lbs.
		Cap. Lbs.	Hub Length	Catalog Number	Brg. Size	Cap. Lbs.	Hub Length	Catalog Number	Brg. Size	Cap. Lbs.	Hub Length	Catalog Number	Brg. Size	Cap. Lbs.	Hub Length	Catalog Number	Bearing Size	
3 1/2	1 3/8	350	1 1/2	★W-35-NFZ-1/2	1/2	350	1 1/2	★W-35-NF-	3/8-1/2	350	1 1/2	★W-35-NFS-1/2	1/2	X	X	X	X	3/4
4	1 3/8	400	1 1/2	★W-413-NFZ-1/2	1/2	400	1 1/2	★W-413-NF-	3/8-1/2	400	1 1/2	★W-413-NFS-1/2	1/2	X	X	X	X	3/4
	2	750	2 3/8	★W-420-NFZ-3/4	3/4	X	X	X	X	X	X	X	X	750	2 3/8	★W-420-NF-	1/2-5/8-3/4	3/4
5	1 3/8	450	1 1/2	★W-513-NFZ-1/2	1/2	450	1 1/2	★W-513-NF-	3/8-1/2	450	1 1/2	★W-513-NFS-1/2	1/2	X	X	X	X	1
	2	1000	2 3/8	★W-520-NFZ-3/4	3/4	X	X	X	X	X	X	X	X	1050	2 3/8	★W-520-NF-	1/2-5/8-3/4	1 1/2
6	2	1000	2 3/8	★W-620-NFZ-3/4	3/4	X	X	X	X	X	X	X	X	1100	2 3/8	★W-620-NF-	1/2-5/8-3/4	1 3/4
8	2	1000	2 3/8	★W-820-NFZ-3/4	3/4	X	X	X	X	X	X	X	X	1200	2 3/8	★W-820-NF-	1/2-5/8-3/4	2 1/2

⚡ A reducing bushing is furnished for use on 3/8" axles at no extra cost.

**Unilast®** wheels are Hamilton's line of solid elastomer wheels designed for medium to heavy duty loads. Equipped with Delrin® or Precision ball bearings, these high performance wheels are steam cleanable and well suited for hostile environments, as they are not affected by blood, brine, salt, grease, oils and many other harsh chemicals. Standard hardness of the **Unilast®** is 75-80 Shore D. **Unilast®** wheels are available in sizes ranging from 4" x 1 1/4" to 8" x 3" and with three bearing options; Delrin®, Straight Roller, and Precision Sealed Ball Bearings.

For more rigorous or custom solid poly applications: higher performing urethanes, various hardnesses, non-stock sizes, and colors can also be provided. Consult factory with application details.

## Unilast® Wheels Series UY — Cap. to 1,500 lbs.



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

Dia.	Face	Delrin® Bearings				Roller Bearings				Precision Ball Bearings †				Wt. Lbs.
		Cap. Lbs.	Hub Length	Catalog Number	Brg. Size	Cap. Lbs.	Hub Length	Catalog Number	Brg. Size	Cap. Lbs.	Hub Length	Catalog Number	Brg. Size	
4	1 1/4	500	1 3/8	★W-412-UYZ-1/2	1/2	500	1 3/8	★W-412-UY-	1/2-5/8-3/4	X	X	X	X	3/4
	2	750	2 3/8	★W-420-UYZ-3/4	3/4	750	2 3/8	★W-420-UY-	1/2-5/8-3/4	750	2 3/8	★W-420-UYB-1/2	1/2	1
5	2	900	2 3/8	★W-520-UYZ-3/4	3/4	900	2 3/8	★W-520-UY-	1/2-5/8-3/4	900	2 3/8	★W-520-UYB-1/2	1/2	1 1/4
6	2	1000	2 3/8	★W-620-UYZ-3/4	3/4	1100	2 3/8	★W-620-UY-	1/2-5/8-3/4	1100	2 3/8	★W-620-UYB-1/2	1/2	1 3/4
8	2	1000	2 3/8	★W-820-UYZ-3/4	3/4	1500	2 3/8	★W-820-UY-	1/2-5/8-3/4	1500	2 3/8	★W-820-UYB-1/2	1/2	2 3/4

† Precision Ball Bearing models include 1/2" top hat spanners. (Hub length shown includes spanners.)

**To order, add bearing size to catalog number.**  
**Example: W-820-UYB-1/2.**