

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.

*Poly-Tech®* wheels are offered with Delrin® bearings, ball bearings, stainless steel ball bearings and straight roller bearings. The 1½" 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. 50-59) as well as *Series STA* and *BC*.



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.



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

**Example: W-620-NF-¾.**

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

★ = same day/next day **PRONTO®** shipment.

### NF Series Selection Table

Dia.	Face	Delrin® Bearings				Ball Bearings				Stainless Steel Ball Bearings				Straight Roller Bearings				Wt. Lbs.
		Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Brg. Size	Cap. Lbs.	Hub Length	Hamilton Model No.	Bearing Size	
3½	1½	350	1½	★W-35-NFZ-½	½	350	1½	★W-35-NF-	¾-½	350	1½	★W-35-NFS-½	½	X	X	X	X	¾
4	1½	400	1½	★W-413-NFZ-½	½	400	1½	★W-413-NF-	¾-½	400	1½	★W-413-NFS-½	½	X	X	X	X	¾
	2	750	2¾	★W-420-NFZ-¾	¾	X	X	X	X	X	X	X	X	750	2¾	★W-420-NF-	½-¾-¾	¾
5	1½	450	1½	★W-513-NFZ-½	½	450	1½	★W-513-NF-	¾-½	450	1½	★W-513-NFS-½	½	X	X	X	X	1
	2	1000	2¾	★W-520-NFZ-¾	¾	X	X	X	X	X	X	X	X	1050	2¾	★W-520-NF-	½-¾-¾	1½
6	2	1000	2¾	★W-620-NFZ-¾	¾	X	X	X	X	X	X	X	X	1100	2¾	★W-620-NF-	½-¾-¾	1¾
	2	1000	2¾	★W-820-NFZ-¾	¾	X	X	X	X	X	X	X	X	1200	2¾	★W-820-NF-	½-¾-¾	2½

⊗ A reducing bushing is furnished for use on ¾" axles at no extra cost.

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### Ebonite Wheels

Dia.	Face	Hub Length	Cap. Lbs.	Oilless Bearings		Straight Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Size	
2½	1½	1¼	175	★W-25-E0-¾	¾	X	X	½
3	1¼	1½	210	★W-30-E0-¾	¾	★W-30-EH-½	½	½
3½	1½	1½	225	★W-35-E0-½	½	X	X	¾
	1¼	1½	250	★W-412-E0-½	½	X	X	1
4	1½	1½	300	★W-415-E0-¾	¾	★W-415-EH-¾	¾	1
	1¾	1½	280	★W-512-E0-½	½	X	X	1½
5	1½	1½	450	★W-515-E0-¾	¾	★W-515-EH-¾	¾	1½
	2	2¼	550	X	X	★W-520-EH-¾	¾	2½
6	2	2¼	650	X	X	★W-620-EH-¾	¾	2¾

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### Flexonite Wheels

Dia.	Face	Hub Length	Cap. Lbs.	Oilless Bearings		Straight Roller Bearings		Wt. Lbs.
				Hamilton Model No.	Bearing Size	Hamilton Model No.	Bearing Size	
2½	1½	1¼	120	★W-25-F0-¾	¾	X	X	½
3	1¼	1½	125	★W-30-F0-¾	¾	★W-30-FH-¾	¾	½
3½	1½	1½	140	★W-35-F0-½	½	X	X	¾
	1¼	1½	165	★W-412-F0-½	½	X	X	1
4	1½	1½	200	★W-415-F0-¾	¾	★W-415-FH-¾	¾	1
	1¼	1½	190	★W-512-F0-½	½	X	X	1½
5	1½	1½	240	X	¾	★W-515-FH-¾	¾	1½

These solid rubber wheels are molded of durable compounds designed for general purpose use. They are furnished with oilless sleeve bearings or straight roller bearings as listed below.

**Ebonite (All Hard)**—one-piece wheel of shatter-resistant rubber throughout. Non-marking, non-sparking, easy rolling, will not develop "set" under static loads.

**Flexonite (Soft Tread)**—a softer rubber tread permanently molded to a hard rubber core. Recommended for light loads where noise is a factor or floors are rough, but capacity is more limited.

When a choice exists between anti-friction (roller) bearings and friction-type (oilless) bearings, operators of manually-propelled loads near rated capacities will appreciate the better rollability provided by roller bearings.

### OPTIONAL EXTRAS (more help on page 12)

- Wheel Bearing Seals
- Spanner Bushings – select from page 90.