



Wheel Characteristics Comparison Chart

Durable Superior Casters®

Catalog Page #	Wheel Type	Capacity Range (lbs.)	**Temp Range (°F)	Durometer (Hardness)	Desired attributes & usage environment / floor condition. Ratings: 5 stars ***** = BEST, no stars = not recommended.					
					Cushioned Ride	Floor Protection	Noise Reduction	Autoclave	Dry Heat (over 400°F)	Moist Heat (over 400°F)
120	Ever-Roll™	250-280	-5 to +140	N/A	*****	*****	*****			
119	Pneumatic	250-650	-20 to +140	N/A	*****	***	*****			
114	ElastoRide™	250-300	-40 to 180	A 55 +/- 5	*****	*****	*****			
116	Dura Cushion™	350-450	-40 to +160	A 60 +/- 5	*****	*****	*****			
114	Nomadic™	230-700	-40 to 180	A 65 +/- 5	*****	*****	*****			
101	Roadie®	350-500	-40 to +180	A 70 +/- 5	*****	*****	*****			
125	Champion™	1200-1500	-45 to +180	A 70 +/- 5	*****	*****	*****			
126	SteROLLizer®	200-375	-40 to +550	A 75 +/- 5	*****	*****	*****	*****	*****	*****
113	Soft Rubber	90-275	-40 to +160	A 75 +/- 5	****	***	*****			
118	Supreme Rubber™	700-1500	-40 to +160	A 75 +/- 5	****	***	*****			
116	Rubber on Aluminum	250-600	-40 to +160	A 75 +/- 5	****	***	*****			
115	Thermo-Pro™	75-1100	-40 to 180	A 80 +/- 5	*****	*****	*****			
113	Rubber on Nylon	400-600	-40 to +160	A 80 +/- 5	****	***	*****			
117	Mold-On Rubber	350-2100	-40 to +160	A 80 +/- 5	****	***	*****			
120	Eco-Rubber™	450-850	-40 to +160	A 80 +/- 5	*****	***	*****			
118	Low Profile Rubber	300-600	-40 to +160	A 85 +/- 5	****	***	*****			
122	PolyFlexon®	900-1000	-45 to +180	A 85 +/- 5	***	****	*****			
122	PolyFlexon® Cast	700-1000	-45 to +180	A 85 +/- 5	***	****	*****			
123	Polyon™	500-4400	-45 to +180	A 95 +/- 5	***	****	****			
126	Polyon MaxRok™	700-1400	-45 to +180	A 95 +/- 5	***	****	****			
124	EnergySaver Polyon™	600-3500	-45 to +180	A 95 +/- 5	***	****	****			
121	Polyon AL™	380-1500	-45 to +180	A 95 +/- 5	***	****	*****			
125	UltraPoly®	3000-6500	-45 to +180	D 50 +/- 5	***	****	*****			
127	Poly-Pro™	75-1400	-45 to +180	D 60 +/- 5	***	****	****			
128	Polymadic™	260-1000	-45 to +180	D 60 +/- 5	***	****	****			
129	DuraLastomer®	300-1000	-45 to +300	D 60 +/- 5	***	****	*****			
131	Hard Rubber	125-400	-40 to +160	D 60 +/- 5	*	**	****			
130	Polyolefin	100-900	-45 to +180	D 65 +/- 5	*	***	**			
132	RokHard™	800-1400	-20 to +250	D 65 +/- 5	*	***	**			
129	ErgoLastomer™	1000-3200	-45 to +300	D 68 +/- 5	****	***	****			
131	Nylon	300-1100	-45 to + 200	D 70 +/- 5	*	***	**			
132	MaxRok™	900-1400	-45 to +280	D 85 +/- 5	*	***	**			
133	Phenolic	300-8000	-50 to +250	D 85 +/- 5	*	***	**			
134	BrimStone®	300-1200	-45 to +425	D 85 +/- 5	*	***	**	*****		*****
134	High-Temp Phenolic	200-2600	-50 to +475	D 85 +/- 5	*	***	**		*****	
135	MaxRok™ V-Groove	600-800	-45 to +180	D 85 +/- 5	*	***	**			
137	Semi-Steel	200-2500	up to 600	N/A					****	
138	Sintered Iron	200-400	up to 500	N/A						
139	Ductile	1200-17000	up to 800	N/A					*****	
140	EnergySaver Ductile	1500-10000	up to 800	N/A					*****	
136	Ductile V-Groove	1500-7000	up to 800	N/A					*****	
135	Iron V-Groove	300-3500	up to 600	N/A					****	
137	Heavy-Duty Semi-Steel	900-1600	up to 600	N/A					****	
138	Forged Wheel	2500-18000	up to 1,300	N/A					*****	
136	Solid Steel V-Groove	3000-5000	up to 800	N/A					*****	

Wheels sorted, softest to Hardest. Additional chemical resistance information is available upon request. ****Standard grease operational range is 40°F to 175°F; when exceeding this temperature range + or -, please request low temp or high temp grease to meet your requirement.**

7 ● Only Superior Casters are Durable!

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		Ergonomic Efficiency	Resistance to Metal Debris	Abrasion Resistance	Impact Resistance	Water (Washdown)	Cleaning Detergent	Animal Fats	Oil & Grease	
120	Ever-Roll™	***		***				****		Yes
119	Pneumatic	***		****		****	****	****		Gray Only
114	ElastoRide™	****	***	***	****	**	***	****		Gray Only
116	Dura Cushion™	*****	****	****	*****	****	****	****		Gray Only
114	Nomadic™	****	****	*****	****	****	****	****		Yes
101	Roadie®	****		****	*****	****	****	****		Yes
125	Champion™	*****	*****	*****	*****	**	**	****	*****	Yes
126	SteROLLizer®	****			*****	*****	*****	*****	*****	Yes
113	Soft Rubber	***	****	****	****	****	****	****		No
118	Supreme Rubber™	***	****	****	****	****	****	****		No
116	Rubber on Aluminum	***	****	****	****	****	****	****		No
115	Thermo-Pro™	***	****	****	*****	****	****	****		No
113	Rubber on Nylon	****	***	****	****	****	****	****		Yes
117	Mold-On Rubber	***	****	****	****	****	****	****		No
120	Eco-Rubber™	***	****	****	*****	****	****	****		No
118	Low Profile Rubber	***	****	****	****	****	****	****		No
122	PolyFlexon®	*****	*****	*****	*****	**	**	****	*****	Yes
122	PolyFlexon® Cast	****	*****	*****	*****	**	**	****	*****	Yes
123	Polyon™	***	****	*****	****	**	**	****	*****	Yes
126	Polyon MaxRok™	***	****	*****	*****	**	**	****	*****	Yes
124	EnergySaver Polyon™	****	****	*****	*****	**	**	****	*****	Yes
121	Polyon AL™	***	****	*****	****	**	**	****	*****	Yes
125	UltraPoly®	****	*****	*****	*****	**	**	****	*****	Yes
127	Poly-Pro™	***	****	*****	****	**	**	****	*****	Yes
128	Polymadic™	***	****	*****	****	**	**	****	*****	Yes
129	DuraLastomer®	***	****	*****	*****	**	**	****	*****	Yes
131	Hard Rubber	***	****	****	**	****	****	****		No
130	Polyolefin	***		***	***	*****	*****	*****	*****	Yes
132	RokHard™	****	***	****	*****	*****	*****	*****	*****	Yes
129	ErgoLastomer™	*****	****	*****	*****	**	**	****	*****	Yes
131	Nylon	****	***	*****	*****	*****	*****	*****	*****	Yes
132	MaxRok™	****	***	*****	*****	*****	*****	*****	*****	Yes
133	Phenolic	****			*****			****	*****	Yes
134	BrimStone®	****	***	*****	*****	*****	*****	*****	*****	Yes
134	High-Temp Phenolic	****			*****			****	*****	Yes
135	MaxRok™ V-Groove	****	****	*****	*****	*****	*****	*****	*****	Yes
137	Semi-Steel	****	****	*****	****			*****	*****	Yes
138	Sintered Iron	****	****	*****	****			*****	*****	Yes
139	Ductile	****	****	*****	*****			*****	*****	Yes
140	EnergySaver Ductile	*****	****	*****	*****			*****	*****	Yes
136	Ductile V-Groove	****	****	*****	*****			*****	*****	Yes
135	Iron V-Groove	****	****	*****	****			*****	*****	Yes
137	Heavy Duty Semi-Steel	****	****	*****	****			*****	*****	Yes
138	Forged Wheel	*****	****	*****	*****			*****	*****	Yes
136	Solid Steel V-Groove	****	****	*****	*****			*****	*****	Yes

Wheels sorted, softest to Hardest. Additional chemical resistance information is available upon request.