

Wheel Selection Chart

WHEEL SELECTION

Wheel Type	Wheel Description	Capacity Range (lbs)	Size Range (Inches)	Floor Protection	Rollability	Chemical Resistance	Temperature Range (Deg. F)
SOFT							
MD	Mold-on Rubber (Aluminum)	250 - 500	4 to 8	High	Fair	Good	-40 to +180
MR	Mold-on Rubber (Iron)	140 - 2800	3-1/4 to 20	High	Fair	Good	-40 to +180
OA	Press-On Rubber	1270 - 10190	8-1/2 to 22	High	Fair	Fair	-40 to +180
OA	Deluxe Press-On Rubber	2040 - 6340	13 to 22	High	Fair	Fair	-40 to +180
RR	Soft Rubber	125 - 360	3 to 8	High	Fair	Good	-40 to +180
SF	Full Pneumatic	200 - 3630	6 to 25.7	High	Fair	Fair	-40 to +180
SN	Semi-Pneumatic	200 - 540	6.2 to 12	High	Fair	Fair	-40 to +180
SO	Full Pneumatic (Hand truck)	350	10.5	High	Fair	Fair	-40 to +180
XS	X-tra Soft Rubber (Flat Tread)	200 - 675	3 to 8	High	Good	Good	-45 to +180
XR	X-tra Soft Rubber (Round Tread)	450 - 850	6 to 10	High	Good	Good	-45 to +180
MEDIUM							
OG	Polyurethane Press-on	1490 - 10900	8-1/2 to 18	Medium	Good	Good	-40 to +180
OG	Polyurethane Press-on (Mini)	2240 - 6600	5 to 10-1/2	Medium	Good	Good	-40 to +180
PA	Polyurethane/Alum. Cast	1200 - 7500	4 & 12	Medium	Good	Good	-40 to +180
PD	Polyurethane/Alum. Die Cast	600 - 1500	4 to 8	Medium	Good	Good	-40 to +180
PM	Polyurethane/Alum. (Round)	1250 - 1500	6 & 8	Medium	Good	Good	-40 to +180
PB	Polypropylene	250 - 1000	3 to 8	Medium	Good	Best	-40 to +180
PI	Polyurethane/Iron	700 - 1500	4 to 8	Medium	Good	Good	-40 to +180
PH	Polyurethane/Iron Heavy Duty	1230 - 2520	6 to 8	Medium	Good	Good	-40 to +180
PX	Polyurethane/Iron Thick Tread	2040 - 7700	6 to 16	Medium	Good	Good	-40 to +180
PY	Polyurethane/Iron	420 - 8400	3-1/4 to 18	Medium	Good	Good	-40 to +180
RW	Hi-Temp Polypropylene	300 - 900	3 to 8	Medium	Good	Best	-20 to +290
XA	Polyurethane/Polypropylene	600 - 1500	4 to 10	Medium	Good	Best	-40 to +180
XB	Polyurethane/Polypropylene	300 - 440	3 to 5	Medium	Good	Best	-40 to +180
XI	X-treme™ Solid Polyurethane	1000	4 to 8	Medium	Best	Good	-30 to +200
XP	X-treme™ Plus Solid Polyurethane	1400 - 2500	4 to 10	Medium	Best	Good	-30 to +200
XV	Polyurethane V-Grooved	300	4 to 8	Medium	Good	Good	-40 to +180
HARD							
CA	Cast Iron	300 - 6000	3 to 18	Low	Best	Fair	-40 to +800
CH	Cast Iron (Heavy Duty)	1500 - 1800	5 to 8	Low	Best	Fair	-40 to +800
CW	Cast Iron (Large Bore)	6000 - 8000	8	Low	Best	Fair	-40 to +800
FD	Flanged (Single)	500 - 2000	5 & 10	Low	Best	Fair	-40 to +800
FL	Flanged (Dual)	700 - 3000	3 to 14	Low	Best	Fair	-40 to +800
FS	Forged Steel	1400-10000	4 to 10	Low	Best	Fair	-40 to +800
FH	Forged Steel (Heavy Duty)	17000-20000	6 to 8	Low	Best	Fair	-40 to +800
FM	Ductile Iron	6000	12	Low	Best	Fair	-40 to +800
HE	Hi-Temp Nylon	600 - 1400	3 to 8	Med/Low	Best	Best	-40 to +550
NG	Maxim®	700 - 1400	3-1/4 to 8	Med/Low	Best	Best	-40 to +350
NY	Trionix™	2000-2500	8 to 10	Medium	Best	Best	-15 to +185
TH	Phenolic (Straight Sided)	1000 - 1200	4 & 5	Med/Low	Best	Fair	-65 to +250
TL	Laminated Phenolic	8000	6	Med/Low	Best	Fair	-65 to +250
TM	Phenolic (Black)	300 - 8000	3 to 18	Med/Low	Best	Fair	-65 to +250
TR	Phenolic (Reddish Green)	300 - 8000	3 to 18	Med/Low	Best	Fair	-65 to +250
TS	Sanitary Phenolic (Straight Sided)	500 - 1400	5 to 8	Med/Low	Best	Fair	-65 to +250
VG	V-Grooved (Cast Iron)	800 - 3500	4 to 10	Low	Best	Fair	-40 to +800
VL	V-Grooved (Iron Large Bore)	4000	8 & 10	Low	Best	Fair	-40 to +800
VF	V-Grooved (Forged Steel)	6000-1000	6 & 10	Low	Best	Fair	-40 to +800
VH	V-Grooved (Forged Steel Large Bore)	10000-15000	6 to 10	Low	Best	Fair	-40 to +800

Capacity Ratings

Caster and wheel capacities shown in this catalog are based on the following conditions or have been established through industry standards and accepted usage.

General Conditions

All ratings are based on operation over smooth floors, rails or tracks with no obstructions or severe shock loads. All bearings must be properly lubricated. Conditions of excessive temperature, excessive dirt or other contaminants will reduce capacity and will minimize performance. Capacity ratings cannot be used when product is misapplied or modified.

Manual Operation

Manual operation capacities apply to non-powered movement of loads only.

Power Operation

Tractor drawn, mechanically moved conveyor or tow line require specifically designed casters to withstand conditions encountered in these mechanically powered operations. Consult ALBION's Engineering Department for specific recommendations concerning your particular application.

All Casters and wheels are rated up to 2.5 mph operation per the Institute of Caster & Wheel Manufacturers Guidelines.