Selecting the right wheel can make a big difference in the performance and life of your caster. To determine what material would work best for your application, please review the below material descriptions and features — or connect with us at www.albioncasters.com or 800-835-8911 for specification assistance.

**SELECTION GUIDE**

### Wheel Material

#### Polyurethane
- **capacities up to 10,900 lbs**

**Description:**
Albion’s polyurethane wheels are uniquely formulated and open cast or injection molded to clean, close tolerance cores. Each unique formula is designed for specific mobility benefits, including: ergonomics, shock absorption, noise reduction, debris rejection, and overall durability.

**Features:**
- Non-marking, floor protective
- Resists chemicals and oils
- Excellent capacity, wear resistance, and strength
- Quieter and more shock absorbing than metal wheels
- Designated wheels are towable
- Various durometers, thicknesses, tread profiles and colors available

#### Rubber
- **capacities up to 3,630 lbs**

**Description:**
Rubber wheels provide exceptional floor protection, shock absorption, and our more advanced formulas even reject metal shavings and debris (X-tra Soft, MG, NP, SZ/SV). Various options can be found throughout our rubber wheel offering, including: non-marking formulas, no-maintenance/semi/fully pneumatic wheels, and a variety of durometers and color choices.

**Features:**
- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Indoor/outdoor use (pneumatic family)

#### Metal
- **capacities up to 20,000 lbs**

**Description:**
Metal wheels offer the highest capacity, temperature resistance, and strength for your most abusive indoor/outdoor applications and floor conditions. Albion offers a range of materials to best suit your application, including: cast iron, ductile, and drop forged steel options.

**Features:**
- Highest load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

#### Phenolic
- **capacities up to 8,000 lbs**

**Description:**
Phenolic wheels are constructed of heavy macerated materials impregnated with phenolic resins – and then molded under high heat and pressure to produce a quality, but economical industrial wheel.

**Features:**
- High load capacities
- Resistant to chemicals and oils
- Impact resistant
- Economical
- High-temp options

#### Nylon & Glass Filled
- **capacities up to 7,200 lbs**

**Description:**
Offering high load capacities and greater floor protection than conventional metal or phenolic wheels, our range of Nylon and Glass-Filled wheels are a perfect fit for helping reduce wheel noise or in clean applications requiring frequent wash downs.

**Features:**
- High load capacities
- Impact resistant
- Corrosion resistant
- Resistant to chemicals and oils
- High-temp options

#### Polypropylene
- **capacities up to 1,000 lbs**

**Description:**
Injection molded from a blend of thermoplastic polymers, Polypropylene wheels are our most economical and lightest wheel option with comparable load ratings to hard rubber wheels.

**Features:**
- Most economical
- Resistant to chemicals and oils
- Lightweight
- High-temp options

For additional wheel information, or to see the full offering of each of these categories – please refer to pages 130 & 131.