

# PRODUCT SPECIFICATIONS

## Maestro® Chairs

October 2020

### TECHNICAL SPECIFICATIONS

#### Seat - Polypropylene

Injection molded polypropylene. Seat is attached to the frame by the back attachment and with two steel Pal-nuts.

#### Backrest - Polypropylene

Injection molded polypropylene. Attached to the frame with two metal clips. Contains a contoured handle opening at the top for easy lifting and stacking.

#### Fixed Seat and Back Cushions

Upholstered cushions are attached to the seat or backrest with screws that extend through the seat or backrest and thread into metal inserts located in the cushion backer. Fixed cushions consist of  $\frac{3}{16}$ " thick plywood backer,  $\frac{1}{2}$ " thick polyurethane foam and an upholstery covering. Cushions are contoured to match the shape of the polypropylene seat or backrest.

#### Chair Frame Construction

Welded construction made primarily of  $\frac{7}{16}$ " diameter steel wire (solid) bent to shape on a CNC wire bender. A 7-gauge steel seat strap, ribbed for added strength, supports the front of the seat and a  $\frac{7}{16}$ " contoured steel rod joins the front legs for strength.

#### Frame Finish (Two Options)

Bright chrome plated finish with duplex (semi-bright) nickel, bright nickel and chrome applied. Nickel provides corrosion resistance. Powder-coated finish with electrostatically applied epoxy powder that's baked on the metal surface.

#### Optional Glides

Ganging and non-ganging glides snap on the wire frame and are held in location with ribs that nest into slots that are pressed into the wire frame. Ganging glides (2-male and 2-female) slide together, allowing multiple chairs to be connected in a line. Glides include: Polycarbonate - injection-molded clear hard plastic; PVC non-skid glide - Extruded hard PVC upper with a soft PVC layer on the bottom (black); Steel glide - injection-molded clear polycarbonate upper with a stainless steel insert molded in the bottom. Felt Glide - clear polycarbonate upper with replaceable (snap-fit) cap. Cap is black nylon with neutral-colored felt.

#### Transport Dolly

Frame is welded tubular steel construction with steel straps that are bent to conform to the nesting angle of the product being transported. Four steel caster wheel housings, two fixed and two swivel are welded directly to the four corners of the dolly frame. Swivel casters have ball bearings for smooth operation. Wheels are 5" diameter x 1.38" wide hard rubber with Delrin bearings. Wheels are attached to the casters with  $\frac{3}{8}$ " diameter bolts (axle). Black powder-coated finish.

