



# SPECIFICATIONS

Page 1 of 2

## N9TASK18 Metaphor® Series Adjustable Mobile Chair

**Description:** Virco's durable, ergonomically contoured Metaphor® Series mobile chair features a sturdy tubular steel frame with an integral backrest and front support tube that provide 360° support to a comfortable polypropylene shell; the chair also has a pneumatic mechanism for easy seat-height adjustment. The unit shall pass all applicable ANSI/BIFMA standards for strength, durability and stability.

**Frame:** The frame shall include a 3/4" diameter x 15 gauge steel backrest and a 3/4" diameter x 17 gauge u-shaped steel front support tube; this assembly shall be welded to a 15 gauge steel mounting plate with reinforcing ribs that capture the backrest and front support tube, anchoring each of these steel frame components. Collectively, this assembly shall provide 360° support to the chair shell. The welded components shall be attached to a 12 gauge steel swivel plate and an intermediate 15 gauge steel support plate with 4 machine screws. A seat-height adjustment assembly shall be attached to the swivel plate to control seat elevation.

**Pneumatic Cylinder:** This shall consist of a gas-filled cylinder with a steel piston and housing. The piston shall be tapered to pressure fit into the unit's swivel plate and pedestal base. The cylinder shall permit the chair to swivel 360°.

**Plastic Shell:** The unit's one-piece, injection-molded plastic shell made from an engineered polypropylene resin shall feature a waterfall front edge to promote good circulation in the user's popliteal arches, lower legs and feet. The carefully relieved seat scoop shall help reduce pressure on the sensitive ischial tuberosities ("bottom bones"), while a generous thoracic-area surface shall provide excellent mid-back support and comfort to users of many sizes. The gentle lumbar swell in the back shall promote proper reverse curvature of the spine and ensure

comfort for a wide range of body types. A hollowed-out "wallet area" shall help prevent uncomfortable pressure on the sacrum and coccyx (tailbone), and encourage good posture. The upper back area shall be wide and concave for superior ergonomic support, with a rolled crest and rounded corners for comfort. Color shall be evenly dispersed throughout the plastic for a clean and fresh appearance. Both sides of the shell shall be textured and have an attractive handhold in the upper portion of the back with smooth edges. Six concealed steel rivets shall securely attach the shell to the frame as follows: two rivet attachments to the mounting plate, two rivet attachments to the backrest, and two rivet attachments to the front support tube. The top and bottom of the shell shall also have two additional wrap-around connections, which capture the crest of the backrest and the front support tube. These methods of attachment shall eliminate traditional holes and rivets in the seating surface. The shell shall have three distinctive ventilation slots.

**Pedestal Base:** This shall consist of fiberglass-reinforced nylon and have a five-prong construction. The base shall accept the unit's pneumatic cylinder and casters, or optional fixed glides.

**Casters:** The chair shall have five dual-wheel 2" hooded swivel casters constructed of high-impact nylon with steel stems and lock-fit expansion rings. Optional soft wheel casters or glides shall be available for field installation only. For soft wheel casters, specify "U9024CAST"; for glides, specify "UGLIDE".

**Metal Finish:** The unit's metal surfaces shall be available with a powder coat finish.



# ***SPECIFICATIONS***

***Page 2 of 2***

## **N9TASK18 Metaphor® Series Adjustable Mobile Chair**

**Adjustment Range:** The chair's seat height shall adjust from 15" to 19-1/2". The overall height of this unit shall be adjustable from 28-1/4" to 32-3/4".

**Dimensions:**

Height: See Adjustment Range paragraph.

Depth: 24-1/8"

Width: 24-1/8"