

CASTERSOCKS

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. The Product in this Section includes materials used for covering casters of construction, warehouse and maintenance equipment machinery for protection of finished floors.

1.02 RELATED SECTIONS

- A. Division 01 – General: Protection of installed work.
- B. Division 03 – Concrete: Finished concrete.
- C. Division 09 – Finishes: Floor finishes.

1.03 DESCRIPTION

- A. A heavy duty fabric that could be made to fit machinery casters that could be easily installed, will not slip off and are self-centered as the machinery is in motion.

1.04 SUBMITTALS

- A. Submit under provisions of Division 01 – Product submittal.
- B. Samples: Submit two (2) actual samples of 6-inch by 6-inch (150 mm by 150 mm) in size of material indicating finish.

1.05 QUALIFICATION

- A. Manufacturer: Company specializing in manufacturing the Products specified in this Section with three (3) years minimum documented experience.

PART 2 – PRODUCTS

2.01 MANUFACTURER

- A. TireSocks, Inc. – www.TireSocks.com; 1.888.SOCK(7625).911; 8640 South Peoria Street, Suite 200, Englewood, CO 80112.
- B. Substitutions: Not allowed.

2.02 MATERIALS

- A. Caster Cover: 600D x 600D Denier polyester fiber fabric with the following characteristics:
 - 1. Construction: 48 x 28.
 - 2. Width: 59" – 60".
 - 3. Coating: 2-pass urethane.
 - 4. Finish: Durable water repellent top coat.
- B. Fitting Device: Shock Cord (Bungee) of latex rubber core with braided cotton or nylon yarn covering and with the following characteristics:
 - 1. Size: 3/16 inch (4.76 mm) diameter by of length suitable for the machinery tire size.

2. Elasticity: 125%.

C. Attaching Device: Velcro® Brand Fastener (hook-and-loop fastener); Texacro brand hook 70, 1 inch (25.4 mm) white 010 PSA 0132.

2.03 FABRICATION

A. Cut caster cover material to caster size accommodating the specific machinery caster that is used for.

B. Hem and sew caster cover material ends to the Velcro® fastener material by sewing one end of material to the hook-side and loop-side is at the other end, ensuring hook-side and loop-side are aligned and provide full contact once that are in contact.

C. Hem and sew the open side perimeter of caster cover with shock cord sewn into the hem.

2.03 FINISH

A. Manufacturer's standard red finish cover.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Before installation of CasterSock, ensure that a clear and straight path of travel in front of the machine is available.

B. Ensure that the machine is turned off and the ignition key is removed prior to each step of the installation.

3.02 INSTALLATION

A. Install CasterSock in accordance with manufacturer's installation instructions.

B. Lay and stretch CasterSock flat in front of each caster straight and aligned with line of machinery travel.

C. Once each CasterSock is in position, turn the machine on and drive over the CasterSock straight, ensuring that the caster is fully over the CasterSock.

D. Stretch the ends of CasterSock over the caster lapping the hook-side and loop-side of Velcro®. Press firmly on the lapped Velcro® so that hook-side and loop-side are in full contact.

END OF SECTION