



TIRESOCKS

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. The Product in this Section includes materials used for covering rubber tires 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 any tire size 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; 7240 South Fraser Street, Centennial, CO 80112.
- B. Substitutions: Not allowed.

2.02 MATERIALS

- A. Tire Tread Cover: 1680D x 1680D nylon fiber fabric with the following characteristics:
 - 1. Total Thread Count: 45T.
 - 2. Coating: 1 oz urethane.
 - 3. Finish: Durable water repellent top coat.

- B. Wheel Hub Cover: 600 x 600 Denier polyester fiber fabric and 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.
- C. Attaching 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%.
- D. Optional Accessory;
 - 1. Liner for Heavy Machinery: Vinyl coated polyester fabric with the following characteristics:
 - a. Weight: 18 oz/sq yd.
 - b. Grab Tensile: 450 x 425 lbs.
 - c. Strip Tensile: 260 x 250 lbs/in.
 - d. Tongue Tear: 90 x 80 lbs.

2.03 FABRICATION

- A. Cut tread cover material to wheel tread size accommodating the specific machinery tire that is used for.
- B. Cut wheel hub cover material to wheel hub size accommodating the specific machinery tire that is used for.
- C. Hem and sew wheel hub material to one side of tread cover material, leaving the other side of tread cover open and forming into one unit.
 - 1. When liner is necessary; hem and sew the liner on the inside of tread cover material.
- D. Hem and sew the open side perimeter of tread cover with shock cord sewn into the hem.

2.04 FINISH

- A. Manufacturer's standard black finish tire tread cover and red wheel hub cover.
 - 1. Logo/Print: Manufacturer's standard logo and font, unless otherwise specified.

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Before installation of TireSocks, ensure that a clear and straight path of travel in front of 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 TireSocks in accordance with manufacturer's instructions.
- B. Stretch one-half (1/2) of TireSock over the top of each tire, making sure to line up the red center approximately 2 inches from the inside edge of the tire.
- C. Once each TireSock is secure and centered, turn the machine on and drive straight for one-half (1/2) turn of the tire and stop and turn off the machine.
- D. Stretch the remaining one-half (1/2) of the TireSock over each tire to complete the installation.

END OF SECTION