



## 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 and 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 can be made to fit any tire size that can 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](http://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. 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 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 it 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**