

FORK SOCKS

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. The Product in this Section includes materials used for covering forks of construction, warehouse and maintenance equipment machinery for protection of finished floors, shelving racks, and materials against scuffs and mars on the finished surfaces.

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 over forks of machinery that could be easily installed and will not slip off as the machinery is in use.

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. Fork Cover: TS 1680D x 1680D nylon fiber fabric with the following characteristics:
 - 1. Total Thread Count: 45T
 - 2. Coating: 1 oz urethane
 - 3. Weft Yard: 1680D Nylon
 - 4. Warp Yard: 1680D Nylon
 - 5. Finish: Durable waterproof treatment

- B. Fork Core: 2" Polyester Webbing with the following characteristics:
 - 1. Thickness: 2.2mm
 - 2. Warp Size: 11
 - 3. Weft Size: 11
 - 4. Type of Weave: Minimatt
 - 5. Yarn Size: 3000D and 1000D
 - 6. Size of Strands: 1000D and 3000D
 - 7. Grams/Meter: 98G
 - 8. Break Strength: 12000lbs
 - 9. Finish: Red Polyester
- C. Fork Sides: 3mm Neoprene with the following characteristics:
 - 1. Content: 90% Polyester, 10% Spandex
 - 2. Weight: 350gsm
 - 3. Thickness: 3mm
 - 4. Stretch: 20% Vertical, 5% Horizontal
 - 3. Finish: Red Polyester/Spandex
- D. Pull Tabs: Hemmed strip of heavy-duty 1680D x 1680D nylon fiber fabric with the following characteristics:
 - 1. Total Thread Count: 45T
 - 2. Coating: 1 oz urethane
 - 3. Weft Yard: 1680D Nylon
 - 4. Warp Yard: 1680D Nylon
 - 5. Finish: Durable waterproof treatment
- E. Fitting Device: Shock Cord (Bungee) of latex rubber core with braided cotton or nylon yarn covering, fitted with hook at each end and with the following characteristics:
 - 1. Size: 3/16 inch (4.76 mm) diameter by of length suitable for the machinery fork size.
 - 2. Elasticity: 125%.
- F. Punched Hole Reinforcing Device (Grommet): Rolled rim grommet and spur washer with 13/32 inch size hole; brass.

2.03 FABRICATION

- A. Cut cover material into panels to fit the fork size accommodating the specific machinery fork that it is used for.
- B. Cut core material into strips to match cover panels
- C. Cut side material into panels to fit the fork size accommodating the specific machinery fork that it is used for.



- D. Cut pull tab material into panels and hem into strips.
- E. Punch holes in each pull tab strip with 1 hole accommodating the hook of shock cord; reinforce punched holes openings with grommets.
- F. Hem and sew each fork cover panel with core sandwiched in middle forming into a shape that encases the fork leaving one end open.

2.04 FINISH

- A. Manufacturer's standard black finish cover with red sides.

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Before installation of ForkSock, 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 ForkSock in accordance with manufacturer's installation instructions.
- B. Slip the ForkSock on and over the fork stretching all the way so that the fork is fully encased.
- C. Place the hook of shock cord through one of the grommets on one side panel of the ForkSock and stretch the shock cord around the back side of the fork and onto another one of the grommets on the opposite side panel. Make sure that ForkSock is securely in place.

END OF SECTION