



REDCO™ FORKLIFT SOCKS



FORKLIFT SOCKS

HOT BOND REDCO URETHANE

Traditional forklift socks are low grade rubber “cold bonded” to steel forklift sleeves. This original approach would result in an early breakdown of the adhesive, cracking and delamination of the material. The intended protective socks, quickly became unsteady and unreliable.

Sensitive materials need protection from the everyday risks of shipping, receiving, handling and loading regarding small and large forklifts. This proven innovative design and high performance material can mean the difference between project profit and project loss.

COLOR: YELLOW
DUROMETER: 90A



Extreme Environments
From -62°C (-80°F) to 93°C (200°F)



Industry Leading Performance
High flex life and load bearing capacity



Wear Resistant
Can outwear rubber, plastic & metal 20:1



Tear Resistant
Combines the toughness of metal with the elasticity of rubber and has the ability to withstand the most severe abuse



Environmental Toughness
Corrosion resistant

CORE ADVANTAGES:

- Provides protection for costly and/or fragile materials, equipment, and products
- Improves the longevity of the specialized equipment
- Incomparable “Hot Bond” of high-end urethanes to steel sleeves
- The use and added protection of our proprietary long-lasting Redco™ 90A Urethane
- Increased grip and stability from unbalanced loads
- Reduce the risk of driver error and material damage
- Manufactured in “Safety Yellow” for high visibility
- Manufactured as a complete new assembly, or coated to existing steel forklift sleeves
- Can be made to fit various forklift truck sizes and shapes, as per your request



Weather Resistant



UV Resistant



Strong



Impact Resistant



Oil Resistant

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CASE STUDY HIGHLIGHTS

Customer: Material Handling Company
Shipping & Receiving Port

Issue: A local port was tasked with handling thousands of feet of specialized ceramic coated piping, that is very fragile and very costly. The pipe is used within the oil and gas industry, so damage to the pipe would be critical, and the existing forklift socks that the port was using, did not provide the protection and reliability required to take on this valuable contract. The socks the port had purchased were steel sleeves with low quality rubber glued to the metal. Unfortunately, the socks failed almost immediately, and it was causing damage to the premium pipe.

Solution: The port expressed their frustration and concerns regarding this project, and the deficient accessories they had purchased. The team at Redwood Plastics and Rubber came up with the idea to “Hot bond” our proprietary Redco™ 90A Urethane blend, ½” thick to their uncoated steel forklift sleeves. We also coated the backside of the sleeve, and also created some corresponding side bumpers bolted to steel plates, made from the same high quality Redco™ 90A Urethane. This also secured the pipe and provided additional protection, while being handled.

Result: The safety of the ceramic pipe is now less of a concern as the urethane not only protects the pipes from the rough steel sleeves, but it also handles some of the abuse that occurs from dockyard accidents, and poor forklift driving- the urethane is quite tough. The new socks also provide grip for the forklift as it moves around the heavy and expensive materials, and the lifespan of the new socks will be significantly longer than the old socks, saving considerable expense.

FABRICATION AND MACHINING SERVICES IN EVERY LOCATION

Our custom plastic and rubber fabrication shops are fully equipped and we have trained and experienced machinists to produce quality parts from many types of plastic and rubber materials.

From intricate parts to simple cut-to-size projects, we can help you select the most optimal material for your application and produce the final parts in a timely manner.

We can design, mold, machine, weld, route, and drill to produce prototypes, short runs, production runs or maintenance parts. Save time and money by utilizing our experienced fabricators and plastic and rubber specialists.



Cold Bond Rubber Socks



Hot Bond Redco™ 90A Urethane Socks