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Safety Pad IIFR / Safety Pad IIIFR HP

&

CS-150 for Pipe Rack

Installation & Maintenance

Manual

Information contained in this booklet is specific for use with Safety Pad IIFR, Safety Pad IIIFR HP & CS-150 Pipe Rack Pads.
If you require additional or alternate product information, please contact us at:

cspsales@customsafetyproducts.com

Product background

Safety Pad IIFR, Safety Pad IIIFR HP & CS-150 Pipe Rack Pads have been designed for use during drilling operations and are widely recognized as the premier solution for preventing slips & falls since 1979.

Safety Pad IIFR *is molded from a high strength 100% solid urethane elastomer with stainless steel studs which offers extreme hydrolytic stability, anti-fungal properties, ultraviolet stability, fire retardant properties, and chemical or diesel resistance. This high-traction work surface, with stainless steel studs and drain grooves, can be custom molded to fit rotary tables, drill rig floors and any other critical work or walk area. Safety Pad II FR is known to outlast our leading competitors mat by 2-3 times and has been tested and approved by the Norwegian Maritime Directorate. This approval is based on test certificate 250010.40/92.238 dates 7/31/92, Sintef NBL - Norwegian Fire Research Laboratory. The test method is Solas (Safety of Life At Sea) NT Fire 007-NS-Insta 414).*

Safety Pad III FR HP *is molded from a high strength, fire retardant and chemical resistant urethane. This version is high-traction work surface is custom molded 1 1/4" thick to fit the rotary table, drill floor, and any other critical work or walk area. Using the same urethane and maintaining the high standards as industry leading Safety Pad II FR,* ***Safety Pad III FR*** *offers a traction pattern that is molded into the surface of the mat.*

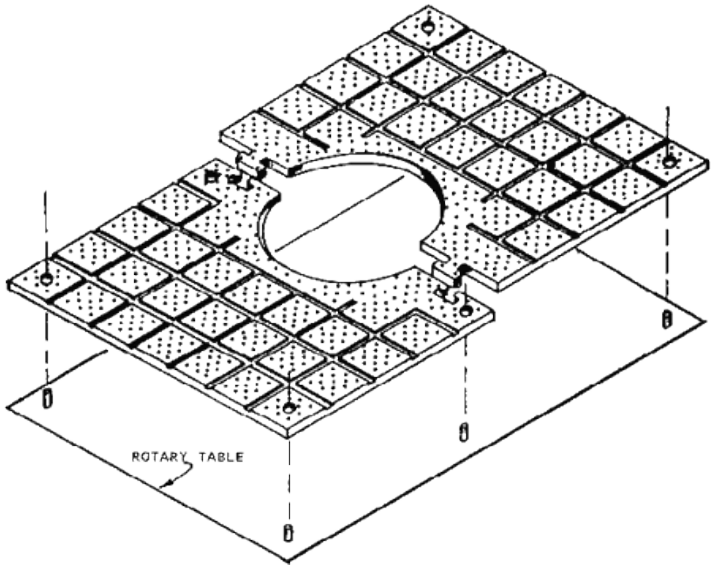
CS-150 for Pipe Rack *is a 100% solid urethane elastomer and is made of a higher density polymer than our standard safety mats for the drill floor. This custom formulation offers extreme hydrolytic stability, anti-fungal properties and ultraviolet stability. Fluid channels are molded directly into the design in one direction facilitating drainage and providing extra traction. These pads are built to withstand the compression and weight of drill pipes. CS-150 resists the effects of invert and other corrosive drilling fluids.*

Installation

Prior to installing your drill floor matting, inspect all pieces for damage. Please consult the manufacturer in the event any is found.

Steps:

1. Ensure surface is free of dirt or debris and mount or place pads in accordance with package layout. Consult your mechanical engineering department for any necessary approvals.
2. Once pads are placed ensure that all pieces are flush with one another and proper alignments of all pieces are correct. The pads should lay flat.
3. Mark surface through holes molded into the pads.
4. Remove pad and weld guide pins to the spots marked from above procedure.
5. Allow pins and surrounding metal to cool before laying pads over the guide pins.



Installing corner pegs / mounting pegs:

1. Clean surface prior to installation.
2. Temporarily positioned pads
3. Mark corner peg locations through holes in pads.
4. Remove pad
5. Corner pegs are welded at marked locations.
6. Allow welds to cool before re-positioning pads on rig floor.
7. Re-positioned mats.

Recommendations:

Remove pads from time to time to clean rig floor and to prevent saturation in drilling fluids.

Care & Maintenance

Cleaning:

A clean surface is the optimum surface. When it becomes necessary to clean the pads, any of the following methods can be used:

- steam, if available
- strong detergent with scrub brushes
- non-flammable solvent which will cut oil and grease

Equipment Inspection:

- Periodically lift and clean the underside of the mat pieces.
- Inspect that all studs are intact and that there is effective traction available at all times.
- If the non-skid surface becomes excessively worn a resurfacing kit can be ordered from us. This may be likely every 24 months depending on operations.

Resurfacing with Non-Skid Coating

When the non-skid surface has been worn down, it should be recoated with our premeasured one-gallon kits to ensure longevity. This operation can be done on site by the rig personnel and in a relatively short time.

Recoat Procedure:

- Remove Pads from floor during rig move or when time allows. Check guide pins for cracks & replace if necessary.
- Clean Pads as per instructions above.
- Roughen surface lightly with wire brushes or wire brush attachment on a grinder. **(IMPORTANT)**
- Mix Primer 450, Parts A & B.
- Apply evenly with short-nap paint roller or conventional spray gun.
- Allow to dry 45 minutes.
- Mix CS-200 non-skid parts A & B with mixer blade in 1/4" or 3/8" drill motor for a full eight minutes.
- Apply evenly with short-nap roller (included in kit) or hopper gun (which can be purchased separately) and let cure overnight.
- Place back on floor and remount.



When necessary, contact Custom Safety Products, Inc. for pricing & to order non-skid resurfacing kit(s). A regular kit comes complete with instructions, non-skid material, primer, mixer blade, roller and pan. A complete kit includes the same items as the regular kit as well as a hopper and hopper gun.

Note: No other product should be used to resurface any version of CSP's safety mats without prior consent.

Thank you again for choosing Custom Safety Products, Inc.