



CeraSurf™ Hex Tile Mats

CoorsTek CeraSurf hex tile mats are a practical solution for lining high-wear areas containing curved surfaces (concave and convex), conforming well due to the small size and hexagonal shape. CoorsTek hex tile mats provide protection for applications where use of standard rectangular tiles is impractical. Hex tile mats also reduce the need for expensive diamond cutting of standard tiles.

CoorsTek hex tile mats are used in a variety of material handling applications including spouts, spout transitions, cones, and piping component patching. The mats are a good choice for complex components requiring either an engineered lining or an experienced brick layer.

Mats are available in 6" long x 6" wide sections mounted on flexible mesh backing to conform to complex surfaces. Available thicknesses include: 1/8", 1/4", 3/8", and 1/2".

CERASURF HEX TILE MATS		
ITEM NUMBER	THICKNESS	SQUARE FEET / BOX
32783	1/8"	13 SF
32780	1/4"	7 SF
32782	3/8"	5 SF
32781	1/2"	4 SF

Installation

CoorsTek engineers will recommend appropriate adhesive products depending upon the operating environment.

1. The surface area should be prepared for the ceramic lining as specified for the adhesive being applied.
2. CoorsTek recommends a 1/8" thickness of adhesive be applied to the metal substrate or backside of hex tile mats.
3. Installation of the fabric mesh backing side should be face-up.
4. Firmly press the hex tile mat into the adhesive, allowing for adhesive to fill the hex mat joints.
5. Excess adhesive can be removed from surface with a trowel.

The mesh backing will quickly wear away once operation of the material handling equipment begins.

Benefits of CoorsTek CeraSurf Hex Tile Mats

- Expensive diamond cutting significantly reduced
- Eliminates expensive ceramic material waste
- Hex tile mats conform to concave and convex surfaces due to the smaller size and hexagonal shape, providing a tight tile-to-tile fit.
- Hex tile mats are easy to install and are used in a variety of material handling applications providing convenient installation and repair.

Brown Hex Tile Mats for Grain Handling Applications

CoorsTek brown hex tile mats assist rice producers in detecting ceramic chips during optical separation. The brown color stands out and is easily removed before making its way into the food supply. There is no decrease in wear resistance when compared to normal white hex tile materials. CoorsTek hex tile materials have no contaminants, nor do they oxidize. Grain Handling material handling applications include:

- Separation and sorting equipment
- Feeders
- Chutes
- Bins
- Hoppers
- Cyclone components
- Silos
- Dust collection components
- Conveying equipment
- Gates
- Milling equipment



Contact a CoorsTek representative today to discuss your ceramic lining needs.



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Americas

+1 303 271 7100 tel
+1 855 929 7100 toll free in USA
www.coorstek.com
info@coorstek.com

Europe

+49 160 530 3768
infoeurope@coorstek.com

Japan

+1 81 3 5437 8411
japaninfo@coorstek.com

China

+86 21 6232 1125
info_shanghai@coorstek.com

Korea

+82 31 613 2946
koreainfo@coorstek.com