Plank-Type Safety Grating
AMICO’s Plank-type Safety Gratings are one-piece, cold-formed products, manufactured in the shape of a channel. The web of the channel is the walking surface and the flanges, or side channels, carry the load. Safety Grating planks are self-cleaning, easy to install, and provide safe, slip resistant walking surfaces. Planks are available in a variety of standard widths and can be run in lengths up to 24’ long.

Diamond-Grip®
The walking surface of Diamond-Grip consists of diamond-shaped openings with serrated edges along the top of the diamonds. This design offers an aggressive, slip-resistant walking surface that allows drainage of fluids and debris. The diamond openings have radius corners at the saddle and channel locations to reduce the possibility of stress fractures. Diamond-Grip is available in a variety of widths and channel depths and is manufactured from the following materials:
- ASTM A-653 G-90 Pre-galvanized 14 and 12 gauge steel
- ASTM A-1011 HRP&O 14 and 12 gauge steel
- 5052-H32 Aluminum .080” and .100” thickness
- Type 304L Stainless Steel, 16 gauge

Diamond-Grip® walkway
Diamond-Grip Walkway is a one-piece metal plank grating complete with a full height kickplate. Like Diamond-Grip, the walking surface consists of diamond-shaped openings with serrated edges and radius corners. Walkway has extended flanges that support the load and provide an integral kickplate. Walkway is 24” wide with optional 4-1/2” or 5” kickplate. Diamond-Grip Walkway is manufactured from the following materials:
- ASTM A-653 G-90 Pre-galvanized 14 or 12 gauge steel
- ASTM A-1011 HRP&O 14 or 12 gauge steel

Safety-Grip®
Safety-Grip has a walking surface that consists of large, debossed holes which are surrounded by embossed, perforated traction buttons. This design provides a multidirectional, slip-resistant surface. With up to 50% free air opening, Safety-Grip allows excellent passage of light and air, and drainage of fluids and debris. Safety-Grip is available in a variety of widths and channel depths, and is manufactured from the following materials:
- ASTM A-653 G-90 Pre-galvanized 13 or 11 gauge steel
- ASTM A-1011 HRP&O 13 or 11 gauge steel
- 5052H32 Aluminum .125” thick
- Type 316L Stainless Steel 14 gauge

Safety-Grip® walkway
Safety-Grip Walkway is a one-piece metal plank grating complete with a full height kickplate. Like Safety-Grip, the walking surface consists of large, debossed holes which are surrounded by embossed traction buttons. The extended flanges support the load and provide an integral kickplate. Walkway is 24” and 30” wide, with an optional 36” overall width measured out-to-out of flanges. All Safety-Grip Walkways have a 5” kickplate and are manufactured from the following materials:
- ASTM A-653 G-90 Pre-galvanized 13 or 11 gauge steel
- ASTM A-1011 HRP&O 13 or 11 gauge steel
**Safety-Tread® Channel and Drainage Channel**

Safety-Tread Channel has a walking surface that is covered with embossed, perforated traction buttons that provide excellent slip-resistance. It is ideal for industrial, institutional, and commercial pedestrian traffic. Safety-Tread Channel is available in a variety of widths, channel depths, and surface patterns. Safety-Tread Drainage Channel has optional 1/4" or 1" drain holes which help keep walking surface clear of fluids and debris. Both products are manufactured from the following materials:

- ASTM A-653 G-90 Pre-galvanized 13 or 11 gauge steel
- ASTM A-792 HRP&O 13 or 11 gauge steel
- 5052H32 Aluminum .125" thick
- Type 316L Stainless Steel 14 gauge ("V" pattern only)

**Safety-Tread® Flooring and Drainage Flooring**

Safety-Tread Flooring is a sheet-metal flooring product which is covered with embossed, perforated traction buttons. Flooring is ideal for retrofitting slippery surfaces in industrial, institutional, and commercial applications. Drainage Flooring is available in square pattern with 1/4" drain holes, or star pattern with 1" drain holes. All flooring products are manufactured from the following materials:

- ASTM A-653, G-90 Pre-galvanized 13 gauge steel
- ASTM A-1011 HRP&O 16, 13, or 11 gauge steel
- 5052H32 Aluminum .125" thick
- Type 316L Stainless Steel 14 gauge ("V" pattern only)

**Safety-Tread® Ladder Rungs**

Safety-Tread Ladder Rungs are small, channel-shaped sections, manufactured by a cold-forming process. The web of the channel is the ladder rung stepping surface which is covered with embossed, perforated traction buttons. Ladder rungs provide excellent slip resistance in new or retrofit applications. Ladder Rungs are available in a variety of widths and lengths and are manufactured from the following materials:

- ASTM A-653 G-90 Pre-galvanized 13 gauge steel
- ASTM A-1011 HRP&O 13 or 11 gauge steel
- 5052H32 Aluminum .125" thick
- Type 316L Stainless Steel 14 gauge

**Diamond-Grip® / Safety-Grip® / Safety-Tread® Stair Treads**

Stair Treads are fabricated from standard channel planks. All treads come complete with carrier plates welded in each end to allow for easy connection to stair stringers. Treads can also be made with open ends.

Treads are available in stock sizes or can be custom made from any channel product, in any material, including pre-galvanized, HRP&O, aluminum, and stainless steel.
**New Product**

**Diamond Grip® Ladder Rungs**

Diamond-Grip ladder rungs are channel-shaped sections that feature a slip-resistant, serrated diamond as the stepping surface. These rungs can be used in new or retrofit applications. Available in stock lengths or custom cut to fit your needs.

- ASTM A-653 G-90 Pre-galvanized 14 gauge steel

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**Accessories**

**Bolt Seats** are used to mechanically fasten Diamond-Grip and Safety-Grip planks to supporting structural steel. Bolt Seats fit between the raised diamonds on Diamond-Grip, and in the large debossed holes on Safety-Grip. Installed, the seats stay below the walking surface and are used in conjunction with a 3/8” bolt, lock washer and nut.

**“J” Clips** are used to provide a friction connection between planks and the structural support, and to alleviate the need to drill through supporting structural members. “J” Clips are used in conjunction with a Bolt Seat and 3/8” bolt. Not recommended for areas subject to vibration.

**Mid-Support Clips** are used to tie planks together to minimize relative deflection in planks spanning structural supports.

**Walkway Splice Plate Kits** are used to splice together two sections of Walkway. Kits are available for splicing sections that come together over a structural support, or for sections that need to be joined between supporting members.

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