

Perf-O Grip® General Information

Every year industrial accidents — falling, tripping over debris, slipping on wet or greasy surfaces — cost millions of dollars in lost man-hours and production. Insurance costs often are reduced when accident rates decline. Perf-O-Grip Grating and Traction Tread Flooring help cut accident rates by providing safer walking-working surfaces.

Perf-O-Grip Grating's unique surface of large debossed holes and perforated buttons provides maximum slip protection and performance under practically all conditions and in every direction.

The large debossed holes allow fluids, mud, chips and other accident-causing debris to drain away. With 5 inch high side channels, Perf-O-Grip Walkways meet OSHA requirements for toeboards on elevated structures. Canadian OH & S compliant designs are also available.

In addition to providing safety, the resilient surface of Perf-O-Grip Grating cushions the impact of footfalls thereby lessening worker fatigue and increasing efficiency. Perf-O-Grip Grating is your best safety buy. It cuts costs and helps improve plant productivity.

New Offering

Cooper B-Line now offers a new, second style of Perf-O-Grip Grating. Perf-O-Grip 2 Grating features 1¹⁵/₁₆" on center hole spacing (compared to 2" on the original style). In addition, Perf-O-Grip 2 Grating can be produced with safety end margins on its 2-hole (5" wide) through 6 hole (12" wide) plank and without end margins on its 10-hole (18" wide) through 16-hole (30" wide) plank. The original Perf-O-Grip is still available in 2-hole (5" wide) through 16-hole (30" wide) plank. This expanded offering gives Cooper B-Line a universally accepted addition to its premier safety grating product group.

Safe Surface

Grips soles securely — in all directions. Non-slip Perf-O-Grip Grating surfaces are ideal for inside or outside locations where mud, ice, snow, oil and detergents can create hazardous walking conditions.

Versatile In Application

A variety of standard widths and channel heights are available as well as numerous non-standard shapes and sizes to meet almost any requirement of strength, size, durability, weight, finish, appearance and application.

Perf-O-Grip Grating combines safety and durability with ease of fabrication and versatility. One-piece construction — no welds or rivets to fail — minimizes need for field fabrication. Special shapes and forming can be accomplished to suit unusual requirements.

All surfaces are accessible to brush or spray, making it simple and economical to apply finish coatings. Perf-O-Grip Grating may be hot dipped galvanized after fabrication, anodized, plated, plastic-coated or otherwise finished to suit job requirements. Standard Perf-O-Grip Plank is available in materials and sizes to meet most load/span requirements. May be used as is, or banded, cut, welded or notched to suit requirements.

Perf-O-Grip 2 Plank with its safety end margins is stocked in 5", 7" 10" and 12" widths and in 10'-0" (120¹/₈") and 12'-0" (144") lengths. Perf-O-Grip Plank is stocked in 18", 24" and 30" widths, in 10'-0" (120") and 12'-0" (144") lengths. 20'-0" and 24'-0" lengths are available on certain products. Consult factory. Other lengths can be manufactured per order requirements. Standard metals are 11 gauge and 13 gauge carbon steel (mill-galvanized), 16 gauge stainless steel (Type 316-2B to 12" wide), and .125" aluminum. Perf-O-Grip can also be manufactured in HRPO steel and 14 gauge stainless steel (Type 304-2B) on special order.

The circular openings (38% of surface area depending on product size) are small enough to catch most falling tools and other dangerous objects. But the self-cleaning open design permits quick drainage of fluids, chips, grease and mud while permitting ventilation and lighting flow. Ice accumulation shears easily under normal foot pressure. Open design allows convenient access for cleaning. Perf-O-Grip is easily cleaned with brush, liquid or air spray if desired.

Long Life

Perf-O-Grip Grating's high load capacity and long-life, high strength-to-weight performance is achieved through depth of section and structural design. Formed struts with integral side channels form a plank that can support loads with minimum transverse and longitudinal deflection. There are no rivets or pressure joints to break or loosen. This sturdy construction provides the advantages of heavy load-carrying capacity with minimal deflection; rugged durability with longer-lasting performance.

Fast Installation

Light, easy-to-handle planks make installation simple and quick. They can be handled by one person. Most sections are rapidly bolted, clamped or welded into place, easily field cut at virtually any angle, or fabricated to adapt to field conditions.

Attachment devices permit fastening to most existing surfaces, allowing for fast installation and disassembly.

Economical To Install and Use

In addition to low material cost and nominal erection cost, Perf-O-Grip Grating also features long-lasting, rust-resistant materials and finishes. Standard mill-galvanized finish resists corrosion to provide lasting surfaces. High-strength aluminum, Type 316-2B and Type 304-2B stainless steels are available to provide maximum corrosion resistance. Plain unpainted steel (HRP&O) is available for those installations requiring paint. Lightweight but brawny panels permit substantial reduction in structural steel requirements.