

## Custom Designed Guards

**Uniguard Custom Machine Guards** are made with the same rugged features that we build into all of our guards. Uniguard can custom design a variety of Horizontal Belt Guards, Vertical Belt Guards, Tapered Belt Guards, Jack Shaft Guards, CLGU, Split Case Guard, Panel Guards, CG Split, and UniClear Seal Guards.

☎ Large custom guards can be assembled from smaller modular sections for lightweight handling and installation. *Options include: yellow material, inspection windows, access panels, removable fronts, lifting handles, ventilation slots and shaft spacers.* Ask your Uniguard representative for more information about custom guards for your specific needs.



Horizontal Belt



Vertical Belt



Tapered Belt



Jack Shaft



CLGU



CG Split



Panel



Split Case

Uniguard can design a safety complaint custom machine guard for almost any application. All that is required for us to build a custom guard is accurate dimensions and any known constraints for the installation.

**Horizontal Belt** – is designed to have a slip-on or fixed back with fixed or removable vented or non-vented front panels. We can incorporate access panel, lifting handles, inspection window or access panels.

**Vertical Belt** – is vertical split belt/chain guard that can incorporate inspection windows, access panels, ventilation panels and lifting handles.

**Tapered Belt** – is designed to have a center split vented or non-vented front or rear panels, solid or center split flanged back and can incorporate lifting handles and inspection windows.

**Jack Shaft** – are typically a 2-piece guard designed to protect long coupling guards. Based on sizes, they are built with multiple sections and can incorporate access panel, lifting handles, inspection window or access panels.

**CLGU** – a vertically split two-piece coupling guard that's easy to install and maintain. The CLGU features a clear polycarbonate window that's easy to remove for strobe-scope, coupling, inspection and lubrication. The window is easily cleaned with mild soap and water and can be mounted on the top or both sides of the guard.

**CG Split** – Uniguard CG Split Guards are vertically split one-piece guards that remain connected on top and open like a clam-shell for easy installation. Field modifications are easy and do not require special tools.

**Panel** – Panel Guards can incorporate polyethylene or aluminum frames and may have solid or vented polythreonine or polycarbonate panels.

**Split Case** – Split Case Guards are typically a one-piece design with a solid polyethylene end plate and open on the impeller side. (Shaft openings are normally field modified)



## About Us

Uniguard™ Machine Guards manufactures both standard and custom equipment guards. We believe in providing a safe, simple and economical product designed to comply with OSHA, ASME, MSHA, ANSI and other safety regulations. We believe that we are the best solution available. Put us to the test and let us prove it.

**TOUGH  
SAFE  
SIMPLE**



Scan or visit to find your distributor.



## Contact Information

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**MACHINE GUARDING SOLUTIONS**

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# TOUGH

## Nonmetallic Machine Guarding

**Uniguard Machine Guards** are designed to last in the roughest of environments. These guards are built **TOUGH** for durability, from premium grade UV stabilized High Density Polyethylene (black) and UV stabilized Ultra High Molecular Weight Polyethylene (orange/yellow). Mounting brackets are also made from UHMW-PE. All fastener hardware is 304 or 316 stainless steel to withstand corrosive and outdoor applications.

Continuous service temperature range from -40°F (-40°C) to 180°F (82°C); intermittent service temperatures up to 240°F (116°C).

Uniguards are designed to be **SAFE**. Safer than metal guards, these rugged OSHA-compliant guards are smooth-edged with no holes larger than 1/4". The Thru-Color **Safety Orange** or **Safety Yellow** is highly visible, will not rust or require painting. Every guard is supplied with ANSI Z535.4-2011 compliant safety label(s). All Uniguard products are impact resistant and will flex and return to original shape, and not dent like metallic guards. Perfect for corrosive and outdoor environments, Uniguards are chemical, corrosion, UV and impact resistant. When properly applied Uniguard meets safety compliance standards around the world.

Uniguards are also **SIMPLE**; simple to size, simple to order, simple to modify, simple to install and maintain.

Simply put, we are the best option available for all of your machinery, power transmission and rotating equipment guarding needs.



Uniguards are **TOUGH** yet lightweight when compared to metal guards; this can dramatically improve the efficiency of routine maintenance task.

**OSHA 29 CFR 1910.219 - Uniguard Machine Guards are designed to meet criteria expressed in OSHA Safety regulation 29 CFR 1910.219, however it is the sole responsibility of the end user to meet safety compliance with the relevant safety standards organizations applicable or subscribed to. End user is ultimately responsible for compliance with applicable industry safety standards.**

Uniguard Machine Guards are designed to keep body parts out of rotating equipment. Uniguard Machine Guards are not designed to withstand catastrophic equipment failures that can result in objects being ejected from the equipment and possibly cause bodily harm.

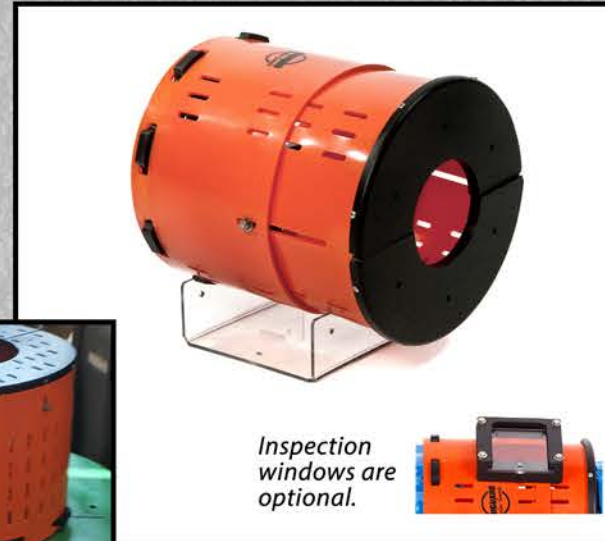
# SAFE

Polyethylene plastic material will not spark if metal tools, equipment, or objects strike the material as some metal guards can.

## Stock Barrel Guard

Our flagship guard, the Barrel Guard is cantilever designed to bolt directly to the bearing frame of the pump and eliminates a guard foot and drilling the base to mount the guard.

Uniguard has many standard designs to fit select Goulds, Durco, Sulzer and other ANSI pumps.



Inspection windows are optional.

[+] Inspections windows are an optional feature that greatly improve coupling inspection and maintenance efficiency.

Our Barrel Guards can be easily modified for custom applications.

Check with your sales associate to determine if a guard is available for your ANSI pump.

# SIMPLE

Light weight materials, easy field modification and quick installation, save time making Uniguard a great choice.

## Stock Belt/Chain Machine Guard

Belt/Chain Machine Guards come in two varieties Horizontal or Vertical. The one-piece Vertical Machine guard incorporates solid panels front and rear that are vertically split up the center. The Horizontal Machine guard comes standard with a vented front panel and a solid removable rear panel. Shaft holes are easily located and field drilled with a hole saw. These guards easily slip on over the equipment maintaining safety compliance.



CUSTOM DESIGNS AVAILABLE

HORIZONTAL



VERTICAL

[+] Lifting Handles are an optional feature that greatly improve maneuvering and lifting of the Belt Guards.

Our Belt Guards can be easily modified for custom applications.

## Stock GDSA Guard

Uniguard GDSA Coupling Guards are nonmetallic, lightweight guards that feature an adjustable length that make installations quick and simple. This guard features a one-piece split design that remains connected on top and opens like a clam-shell for easy installation. Simply locate the shaft holes and field drill with a hole saw, mount the guard to the base, extend to correct length to cover all rotating components and you're done.



GDSA Guards are one piece with a split along the black end material.



GDSA guards can be used to safely guard access to dangerous moving parts on many different types of equipment such as pumps, motors, gear boxes, couplings, chains, belts, clutches and more.

## Stock CGU Kit Guard

The Uniguard CGU Kit Guard is our most economical guarding solution, in stock and ready to ship. The CGU Kit is a one-piece dog house style guard that easily slips over the equipment shafts and is supplied with customizable panels to fill the space underneath the shaft.



[+] Always verify shaft size and location to assure a correct and complaint fit.

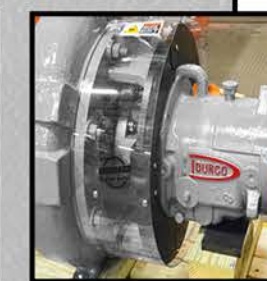
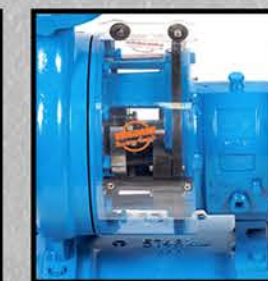
The CGU Kit guard comes in standard sizes and is easily modified in both the overall length and height to fit many applications.

## Stock UniClear Guard™

The UniClear Guard™ is specifically developed to ensure employee safety and meet compliance of government regulations stipulating that all rotating machinery must be guarded. Designed for simple installation, to allow visual inspection, and keep hands out. UniClear Guard™ is a very economical solution.

The UniClear Guard™ is made from corrosion resistant polycarbonate (shield), high density polyethylene (frame) and stainless steel fasteners.

[+] Replacement shields are available in polycarbonate or orange polyethylene material for applications where the polycarbonate cover is not chemically compatible with the environment.



Many sizes of UniClear Guard™ are available.



UniClear Guard™ are available for certain Goulds, Durco, Sulzer, and other ANSI pumps.

Check with your sales associate to determine if a UniClear Guard™ is available for your specific model.