UNIGUARD
Machine Guards

TOUGH
SAFE
SIMPLE

MACHINE GUARDING SOLUTIONS

www.uniguardmgc.com

2017

MEETS OR EXCEEDS
OSHA
REQUIREMENTS

MADE IN
U.S.A.

TOUGH

Nonmetallic Machine Guarding

Uniguard Nonmetallic Machine Guards are designed for the most demanding power transmission applications. These guards are built **TOUGH** to last, from premium grade UV stabilized High Density Polyethylene (black) and UV stabalized Ultra High Molecular Weight Polyethylene (orange). Mounting brackets are also made from UHMW-PE. All hardware is Stainless Steel for the most demanding 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 built with **SAFETY** at the forefront with Thru-Color Safety Orange that is highly visible, will not rust and never requires painting. Every guard is supplied with an ANSI compliant safety label. All **Uniguard** products are impact resistant and will not dent like metallic guards. When impacted the PE material will return to its original shape. Try that with a metal guard. Safer than metal, these rugged OSHA-compliant guards are smooth-edged and do not have holes larger than ¼" preventing fingers or tools from entering. Perfect for corrosive and outdoor environments, **Uniguards** are chemical, corrosion, UV and impact resistant.

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 machine guarding, power transmission and rotating equipment application 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.**

TYPE **GDSA Guard**

Uniguard Type **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 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 keep hands away from hazardous rotating shafts on many different types of equipment such as motors, gear boxes, couplings, and clutches.

STOCK GDSA GUARDS				
PART NUMBER	MIN. LENGTH	MAX. LENGTH	WIDTH	HEIGHT
GDSA100606	6.00"	10.00"	6.00"	9.00"
GDSA140812	8.00"	12.00"	8.00"	14.00"
GDSA161216	10.00"	16.00"	12.00"	16.00"
GDSA181418	12.00"	18.00"	14.00"	18.00"

SAFE

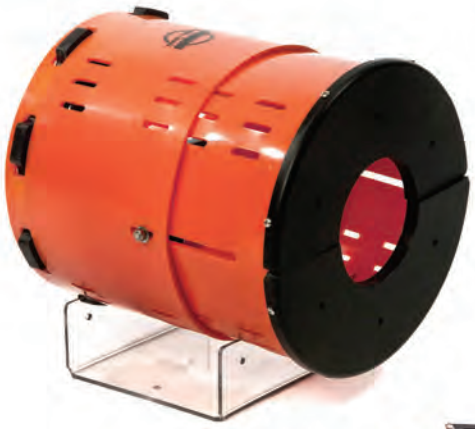
Polyethylene plastic material will not spark if metal tools, equipment, or objects strike the material as some metal guards can. *

TYPE **ANSI Pump Barrel Guard**

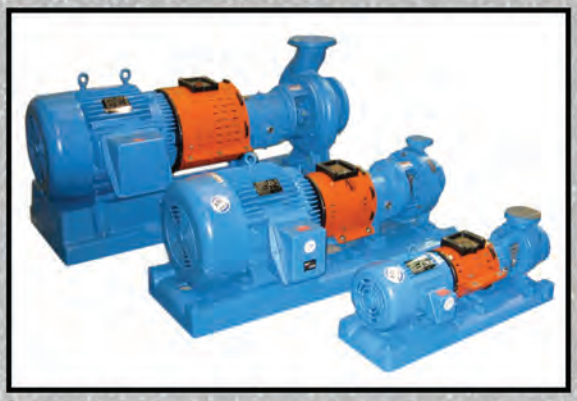
Our flagship guard, the **ANSI Pump Barrel Guard.** Cantilevered guard bolts directly to the bearing frame of the pump and eliminates drilling the base to mount the guard. UV stabilized safety orange PE doesn't require painting like metallic guards.

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

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



Inspection windows are optional.



STOCK ANSI BARREL GUARDS				
PART NUMBER	DIAMETER	MIN. LENGTH	MAX. LENGTH	MOTOR SHAFT OPENING
A-3175 L	19.50"	20.00"	26.75"	10.00"
A-3175 M	16.44"	19.50"	24.75"	9.00"
A-3175 S	16.44"	15.44"	22.75"	9.00"
A-3196-STx/i	8.00"	8.75"	12.00"	4.00"
A-3196-MTi/Lti	10.94"	8.94"	13.50"	4.50"
A-3196-MTx/LTx	10.94"	8.94"	13.50"	4.50"
A-3196-XLTx/i	16.44"	15.44"	20.75"	9.00"
A-3410 L	16.44"	8.50"	13.25"	9.00"
A-3410 M/S	16.44"	8.50"	11.94"	9.00"

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

TYPE **CGU Kit Guard**

The **Uniguard** Type **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 panels to fill the void underneath the shaft.

The **CGU Kit guard** comes in standard sizes and is easily modified to fit many applications.

Always verify shaft size and location to assure a correct and compliant fit.

STOCK CGU-KIT GUARDS					
PART NUMBER	LENGTH	WIDTH	HEIGHT	SHAFT SLOT	SHAFT CL
CGU-04	4.00"	4.00"	6.00"	1.25"	3.88"
CGU-06	6.00"	6.00"	8.00"	1.75"	5.00"
CGU-08	8.00"	8.00"	12.00"	2.25"	7.88"
CGU-10	10.00"	10.00"	14.00"	2.75"	8.81"
CGU-12	12.00"	12.00"	16.00"	3.00"	10.00"
CGU-16	16.00"	16.00"	20.00"	4.00"	12.06"
CGU-20	20.00"	20.00"	24.00"	5.00"	14.00"

**While Uniguard Machinery Guards have never been shown to generate a static charge in any circumstance, we do not recommend its use if static charge concerns exist.*

SIMPLE

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

TYPE **Belt/Chain Machine Guard**

Uniguard Belt/Chain Machine Guards are nonmetallic lightweight guards that won't dent or rust and are UV protected against sunlight. 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 OSHA/ANSI compliance.

STOCK HORIZONTAL BELT GUARDS			
PART NUMBER	LENGTH	WIDTH	HEIGHT
GHS261205	26.00"	5.00"	12.00"
GHS301405	30.00"	5.00"	14.00"
GHS341605	34.00"	5.00"	16.00"
GHS381605	38.00"	5.00"	16.00"
GHS422405	42.00"	5.00"	24.00"

STOCK VERTICAL BELT GUARDS			
PART NUMBER	LENGTH	WIDTH	HEIGHT
GVS321203	12.00"	3.00"	32.00"
GVS321205	12.00"	5.00"	32.00"
GVS341605	16.00"	5.00"	34.00"
GVS401805	18.00"	5.00"	40.00"
GVS422407	18.00"	7.00"	42.00"

Type **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 pumps.

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

Type **CLGU Guard**

Lifting handles as shown are optional.

Uniguard's revolutionary Type **CLGU Guard** is 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 strobescope inspections and/or coupling lubrication. The window is easily cleaned with mild soap and water. Shaft holes can be included at no additional charge.

[+] Optional handles make lifting larger guards easy.

Type **CG Split Guard**

Slotted vents as shown are optional.

Uniguard Type **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. This guard is an economical solution to many guarding applications. Shaft holes can be included at no additional charge.

[+] Optional slotted holes add ventilation and some visibility.

Custom Designed Guards

Uniguard's Custom Designed Belt/Chain 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, Jack Shaft Guards and Tapered Belt Guards along with our **CLGU and CG Split**

Large custom guards can be assembled from smaller modular sections for lightweight handling and installation. Ask your **Uniguard** representative for more information about custom guards for your specific needs.

Custom Vertical Belt Guard

Custom Tapered Belt Guard

Uniguard Machine Guards are designed to keep body parts out of rotating equipment space. **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.

History of Uniguard Machine Guards

Uniguard™ Machine Guards was created in 1994 when its founder Ken Brisk was given the task of overseeing that the machine guarding at the facility where he worked was brought up to current standards. With over 30 years of industrial maintenance experience, primarily in the power and chemical fields, Brisk was a maintenance planner for a biomass power plant in eastern North Carolina.

ABOUT US

Visit our Online Shop

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 and ANSI regulations. We believe that we are the best solution available. We would like for you to let us prove it.

1-888-549-4622

sales@uniguardmgc.com

www.uniguardmgc.com

1115 Pleasant Ridge Road
Greensboro, N.C. 27409

@UniguardMGC

Made in the U.S.A.

BH 05.18.17