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## Woodhead

**SAFETY PERFORMANCE RELIABILITY**





# THIS BUYER'S GUIDE IS JUST THE BEGINNING

## **Custom product solutions for tough applications are a tradition at Woodhead.**

In the pages ahead, you'll find products that serve many common applications. What you won't see are all of the thousands of products we are capable of producing, and have built in the past, to meet more specific needs. Customized products that involved the expertise of our design engineering staff. Products designed for specific regions of the world, in hazardous, wet and highly regulated environments.

Whether it's a brighter handlamp or a smaller wiring device, if what you're looking for isn't depicted here, give us a call. Chances are, we've already developed and produced the item you need. And if we haven't, we'd be happy to explore the possibility with you.



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# Got a Problem?

Woodhead provides a range of products and services to meet the most challenging problems.

## REINVENTING THE WHEEL?

Since 1922 Woodhead has solved unique product design challenges across a wide range of industries. Chances are, we already have a solution for your problem. With thousands of standard products and variations, your answer may be as simple and economical as a walk through our catalog. In fact, over 90% of our sales are from products that already exist. That's because many standard Woodhead products began as custom solutions.

## WHEN A MINOR TWEAK WILL DO

Often a simple variation of a current product will fit your application. Variations offer real-world solutions tailored to your requirements. Why waste time on the job modifying a standard product when Woodhead can create a viable ready-to-use solution? Because of their simple design demands, variations can often be a more cost-effective option than a true custom product. Typical variations include:

- Cable length
- Cable type
- Stringlight socket spacing
- Plug/connector configurations
- Wiring configurations
- Combinations of standard product
- Color

A full spectrum of colors is available to differentiate products, for example, orange was used on wiring devices for the Alaska pipeline.

TOLL FREE HOTLINE 800-354-5841 [WWW.WOODHEAD.COM](http://WWW.WOODHEAD.COM)

### A HISTORY OF SOLUTIONS

Woodhead has built its reputation by making products others can't or won't.



1920's

#### First Rubber-handled Hand Lamp

##### Railroad Industry

Designed to protect railroad workers from electrical shocks when wooden handles absorbed water exposing workers to shock hazards.



1930's

#### 600 Series Rubber-molded Watertite® Sockets

##### Railroad Industry

Twinlock friction-fit design keeps bulbs from loosening and breaking in high vibration areas. They were later used to illuminate the construction of the 1933 World's Fair Sky Ride.



1940's

#### First Rubber Multi-tap Outlet Box

##### Large Farm Equipment Mfg.

Designed of molded rubber to prevent shocks from conductive metal bases.





# Need A Solution?

From standard catalog parts to custom product solutions, we have the expertise to match.

## GOING OUTSIDE THE BOX

Despite a wide array of existing choices, some of you will be faced with an electrical challenge that cannot be addressed by any current product or variation. Ask yourself:

- What is the real problem?
- What am I trying to accomplish?
- What is the obstacle to solving the problem?

Now you're ready to explore Woodhead Custom Electrical Solutions. Custom products are recommended when standard products or variations cannot meet your job requirements.

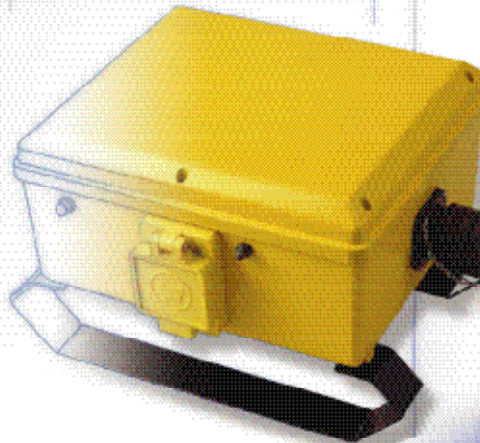
If custom is what you need, you've come to the right place.

Throughout its history, Woodhead has ventured into uncharted territory to develop products that other manufacturers can't, or won't.

Product customization takes many forms. Woodhead offers competencies that are unrivaled in the industry. For example, owning our own rubber manufacturing plant uniquely positions us to offer specialized custom rubber capabilities. Other options include

- Custom Rubber Molding
- Non-rubber products
- Specially machined parts
- Special packaging
- Hot stamping
- Turnkey kit solutions

Military applications often demand custom design. These "specials" can then become standard catalog items with applications in industry.



What Can We Do For You?

WOODHEAD CUSTOM PRODUCTS GROUP



1960's

### First 15W Fluorescent Light

*Telecommunications Co.*

*Designed to provide brighter, cooler lighting for field maintenance crews working in confined spaces. Used the same way by helicopter maintenance crews.*



1970's

### Twin Tube Fluorescent Light

*Major Airline*

*Designed specifically for aircraft maintenance applications to provide concentrated light in tight spaces. This eliminated the need to tape two fluorescent handlamps together.*



1980's

### WaterTite® Wiring Devices

*Food Processing Co.*

*Redesigned to withstand higher water pressure from hoses in washdown environments.*



1990's

### Portable Hazardous-duty Purge Light

*Aircraft Manufacturer*

*Designed to provide safe lighting in the presence of explosive gases. New coating prescribed to reduce metal fatigue on aircraft, created noxious fumes for workers. Purge light forces explosive gases from air flow to prevent triggering an explosion.*



