



YOUR **TOTAL SUPPLIER**  
AND **TECHNICAL SPECIALIST**



**INDUSTRIAL SUPPLIES**

**2016 - 2017**

**LED LIGHTING • SMARTFLUX SMART DYNAMIC ILLUMINATION • ELECTRICAL MATERIALS  
ENERGY AND INTERCONNECTION • IDENTIFICATION AND SAFETY SYSTEMS • AUDIO, VIDEO AND LIGHT**





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AND **TECHNICAL SPECIALIST**

LED LIGHTING  
SMARTFLUX SMART DYNAMIC ILLUMINATION  
ELECTRICAL MATERIALS  
ENERGY AND INTERCONNECTION  
IDENTIFICATION AND SAFETY SYSTEMS  
AUDIO, VIDEO AND LIGHT

## INDUSTRIAL SUPPLIES 2016 - 2017

*Nedelko is your partner in industrial supplies who cares for your business. Therefore, we not only supply the products but also quality, diversity, experience, reliability and convenience.*



## ABOUT US

Nedelko is an importer and distributor of high-quality LED lighting, electrical materials, energy and interconnection, identification and safety systems and audio, video and lighting equipment. From our modern warehouse in Barendrecht, we supply products throughout Europe.

### Being innovative!

Nedelko is always looking for new, high-quality products within its departments. Product specialists are constantly working on improving and expanding Nedelko's product range.

High-quality products from reputable manufacturers and continuous innovation, combined with an excellent inventory system, make Nedelko an important player in markets for electro-technical electricians, (electro-) technical wholesalers, cabinet and panel builders, the (petro)chemical industry, engineering agencies, and interior constructors.

Nedelko is also active in shipbuilding, offshore, and many other branches of trade and industry. Furthermore, with our audio, video and lighting department, we offer a total package for the installation, AV, and PA markets.



## OUR SALES TEAM

### Sales Force

The sales team represents the complete Nedelko product range. With its comprehensive product knowledge and experience, the team is able to quickly provide you with all the relevant information. Additionally, our product specialists have extensive technical expertise.

### Office Staff

You can always contact the Nedelko sales department staff with any of your questions.

## CONTACT

### Website

[www.nedelko.eu](http://www.nedelko.eu)

[www.prolumia.eu](http://www.prolumia.eu)

### Email

#### General information:

Netherlands [info@nedelko.nl](mailto:info@nedelko.nl)

Belgium [info@nedelko.be](mailto:info@nedelko.be)

Czech [info@nedelko.cz](mailto:info@nedelko.cz)

#### Purchasing/sales orders:

Netherlands [verkoop@nedelko.nl](mailto:verkoop@nedelko.nl)

Belgium [verkoop@nedelko.be](mailto:verkoop@nedelko.be)

Czech [sales@nedelko.cz](mailto:sales@nedelko.cz)

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# INDUSTRIAL SUPPLIES

## LED LIGHTING WE SAVE ENERGY

*The LED industrial and outdoor lighting of Nedelko is specially designed for lighting in industrial environments, like factories, warehouses, business areas and parking places. Everything from renovating existing fixtures to the complete renovation of lighting systems belongs to the possibilities. The most innovative LED solution takes centre stage.*

### ADVANTAGES

- Reduced maintenance cost
- Environmentally friendly
- Low power consumption
- Long lifespan
- Low heat generation
- High efficiency
- Energy Investment Allowance (EIA)

### PRODUCTS

#### DIALIGHT

Safesite Linear series

Safesite High-bay series

Safesite Bulkhead series

Safesite Area light series

#### PROLUMIA

LED Pro-beam series

LED Floodlight series

LED Pro-aqua series

LED Pro-area series

LED Streetlight Pro-vision series

LED Pro-bay II series

LED Pro-stock series

LED TL Tubes series



# LED LIGHTING

## DIALIGHT SAFESITE LINEAR SERIES

IP66

LOW PROFILE AND RUGGED DESIGN ENSURES LONG LIFE AND HIGH RELIABILITY FOR INDUSTRIAL APPLICATIONS



Offered in 32W and 64W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, the LED Linear luminaire is ideally suited for oil & gas, chemical, petro-chemical and other potentially explosive industrial environments. Dialight offers a range of mounting options for use with the SafeSite Linear luminaire.

### FEATURES

- Stainless steel 316L housing
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Superior color rendition index compared to HPS, LPS, MV
- Resistant to shock and vibration
- Easy retrofit solution for existing fluorescent fittings

CE IP66



### APPLICATIONS

Hazardous area applications, both indoor and outdoor

## DIALIGHT SAFESITE HIGH-BAY SERIES

IP66

ULTRA-EFFICIENT INDUSTRIAL LED HIGH BAY REVOLUTIONIZES THE WORLD OF LED LIGHTING



The low profile light weight design and versatile mounting options of the LED High Bay make it ideal for ATEX and IECEx classified hazardous area zones.

### FEATURES

- Available in 9,500 - 14,500Lm
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Superior colour rendition index compared to HPS, LPS, MV
- Resistant to shock and vibration
- Replaces up to 400W HID fittings

CE IP66



### APPLICATIONS

Hazardous area applications, both indoor and outdoor

## DIALIGHT SAFESITE BULKHEAD SERIES

IP66

LOW PROFILE AND RUGGED DESIGN ENSURES LONG LIFE AND HIGH RELIABILITY FOR INDUSTRIAL APPLICATIONS



Offered in 11W, 22W and 34W models, the Safesite LED Bulkhead is ideally suited for oil & gas, chemical, petro-chemical and other potentially explosive industrial environments. Dialight offers flush, angle and adjustable mounting options for use with the SafeSite LED Bulkhead as well as a recessed housing approved for hazardous areas.

### FEATURES

- Available in 600 - 2,250Lm
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Sandblasting cover protector available
- Resistant to shock and vibration
- Additional LED colors available upon request

CE IP66



### APPLICATIONS

Hazardous area applications, both indoor and outdoor

## DIALIGHT SAFESITE AREA LIGHT SERIES

IP66

FUTURE OF ENERGY EFFICIENT FACILITY ILLUMINATION FOR INDUSTRIAL APPLICATIONS WORLDWIDE



The ATEX / IECEx LED area lighting fixture consumes at least 50% less energy compared to traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both cutting edge LED technology along with proprietary optics to achieve area lighting comparable with other traditional light sources.

### FEATURES

- Available in 2,000 - 7,500Lm
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Sandblasting cover protector available
- Resistant to shock and vibration
- Plug and play

CE IP66



### APPLICATIONS

Hazardous area applications, both indoor and outdoor

# INDUSTRIAL SUPPLIES

## PROLUMIA LED PRO-BEAM SERIES

IP65

OUTDOOR POWERHOUSE



The LED Pro-Beam spotlights distinguish themselves through the patented design. This ensures an optimal cooling of the LEDs at an unprecedentedly low weight. Available with light output up to 110.000 Lm and therefore a perfect alternative for floodlights equipped with a metal halide lamp up to 2000W.

### FEATURES

- Very low weight
- Philips Lumileds Luxeon LEDs
- Optionally available in a dimmable version
- Available in 6,600 - 110,000 Lm versions

CE IP65



### APPLICATIONS

Lighting of billboards, advertising signs, facades, objects, etc.

## PROLUMIA LED FLOODLIGHT SERIES

IP65

ENERGY-SAVING FLOODLIGHTS



The Prolumia LED Floodlight is a symmetrical floodlight that can be used to, among other things, illuminate facades, objects and billboards. You find the LED light source behind the tempered glass of the cast aluminum housing. It is hermetically sealed from the outside world and therefore dustproof and splashproof.

### FEATURES

- Housing made of cast aluminum
- Energy saving through the use of high power LEDs as light source
- Integrated LED power supply
- Easy installation through adjustable mounting bracket
- Available in 700 - 14,900 Lm versions

CE  
IP65

### APPLICATIONS

Lighting of billboards, advertising signs, facades, objects, etc.

## PROLUMIA LED PRO-AQUA SERIES

IP65

WATERPROOF AND IMPACT-RESISTANT SURFACE MOUNTED LUMINAIRE



The LED Pro-Aqua series is the best way to illuminate your industrial environment as safe and efficient as possible. The LED lighting fixtures offer a good alternative for waterproof TL (-D) fixtures. The light-distribution ensures better recognition of vehicles, people and signage.

### FEATURES

- Waterproof LED luminaire (IP65)
- Available with emergency function
- Expected lifespan > 50,000 hours
- The luminaires are suitable for through wiring
- Available in 1,360 - 6,000 Lm versions

CE IP65



### APPLICATIONS

Cold storage areas, indoor car parks, warehouses and industrial environments, etc.

## PROLUMIA LED PRO-AREA SERIES

IP65

WATERPROOF LINKABLE SURFACE MOUNTED LUMINAIRE



The Prolumia Pro-Area waterproof LED luminaire (IP65) is the alternative to waterproof fluorescent fittings. Energy savings of more than 70% can be achieved by means of intelligent light control with presence detectors. The LED Pro-Area series can also be equipped with an emergency unit.

### FEATURES

- Waterproof LED surface-mounted fixture (IP65)
- Available with built-in microwave motion sensor and / or emergency unit
- Luminaires with and without sensor can be combined as master / slave (wired)
- Available in 1,350 - 5,200 Lm versions

CE  
IP65

### APPLICATIONS

Car parks, technical service rooms, warehouses, elevator shafts, etc.



# LED LIGHTING

## PROLUMIA LED STREETLIGHT PRO-VISION SERIES

SAFE, STYLISH AND UNIVERSAL

IP65



The LED Pro-Vision series are stylish and modern designed luminaires. The mini, midi and maxi versions are used in public lighting of pavements, bicycle paths, district access, connecting and provincial roads. Also lighting of parking lots, company sites and around public buildings are appropriate application areas.

### FEATURES

- Pre-assembled cable
- Automated dimregime available upon request
- Suitable for horizontal and vertical installation
- Available in 1,200 - 23,000 Lm versions



### APPLICATIONS

Road districts, main roads, bicycle / pedestrian paths, business parks, parking lots, etc.

## PROLUMIA LED PRO-BAY II SERIES

POWERFUL AND INTELLIGENT LED LIGHTING IN A COMPACT DESIGN

IP65



The LED Pro-Bay II is the new generation IP65 High-Bay luminaires. Application of medium power Nichia LEDs and a Mean Well driver results in a system efficiency up to 130 Lm/W. Application for high mounting is possible by using the available lenses and the wide range of luminaires (max 300W). Wireless switching and dimming is possible.

### FEATURES

- Up to 130 Lm/W
- Waterproof LED luminaire (IP65)
- Zigbee wireless control (optional)
- Daylight sensor (in combination with Zigbee version)
- Available in 8,200 - 40,000 Lm versions



### APPLICATIONS

Warehouses, production and logistics halls, indoor stadiums, etc.

## PROLUMIA LED PRO-STOCK SERIES

INTELLIGENT AND WATERPROOF

IP65



The LED Pro-Stock series consists of linear High-Bay luminaires with power ranging from 30W to 180W. Application of medium power Nichia LEDs and a Mean Well driver results in a system efficiency up to 110 Lm/W. The different mounting options and a diversity of lenses makes the Pro-Stock series suitable for diverse applications.

### FEATURES

- 110 Lm/W
- Zigbee wireless control (optional)
- Daylight sensor (in combination with Zigbee version)
- Different optics available
- Available in 3,300 - 19,800 Lm versions



### APPLICATIONS

Warehouses, production and logistics halls, indoor stadiums, etc.

## PROLUMIA LED TL TUBES SERIES

THE ALTERNATIVE TO CONVENTIONAL FLUORESCENT TUBES

IP65



Is your company ready for the future? Replace conventional fluorescent tubes for Pro-Lumia LED TL-tubes and save up to 70%. Your old tubes are easily converted to energy-efficient LED fluorescent lighting! Furthermore LED TL-tubes have a lifespan of up to five times longer than a fluorescent solution. This gives you significantly less maintenance costs.

### FEATURES

- Available with transparent and milky covers
- LED technology guarantees low power consumption and a long lifetime
- Fixture rewiring is limited by a special LED starter



### APPLICATIONS

Cold storage area's, indoor car parks, warehouses, industrial and office environments, etc.

# INDUSTRIAL SUPPLIES

## SMARTFLUX SMART DYNAMIC ILLUMINATION COMMUNICATING WITH YOUR LIGHTING HAS NEVER BEEN SO ACCESSIBLE

*The intelligent SmartFlux products allow you to communicate with your lighting from your computer or tablet, anywhere in the world. This intelligence gives you also the opportunity to optimize your (existing or new) installation using a doppler radar, demand-dependent dimregimes and real-time monitoring of your installation.*

### ADVANTAGES

- Savings on maintenance costs
- Savings on energy costs
- Total control of your installation
- 20 years experience with dynamic lighting
- Alis certified
- On-site service
- Plug and Play

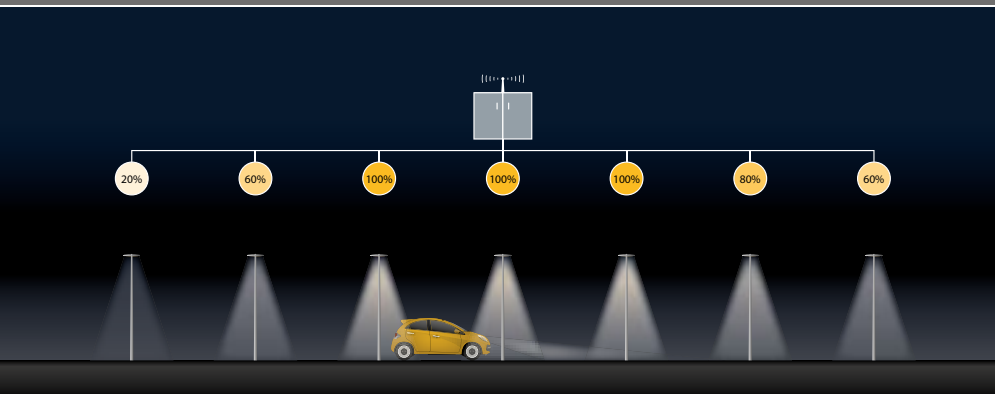
### PRODUCTS

#### SMARTFLUX

SFL-Series

SFC-Series

SFX-Series



# SMARTFLUX SMART DYNAMIC ILLUMINATION

## SMARTFLUX SMART DYNAMIC ILLUMINATION

MANAGEMENT, MONITORING AND REMOTE PROGRAMMING



SmartFlux provides advanced solutions for conventional, statically dimmed and dynamic (outdoor) lighting. Our newly developed Smart Data software gives you total control of your lighting in combination with our products.

With SmartFlux intelligent, dynamic lighting solutions you determine the brightness, depending on application and user scenario. In case of emergencies, action can be taken remotely. You always have your own customized lighting. Smart solutions for detection and useful apps for users to self-regulate lighting, are making our solutions particularly interesting.

SmartFlux represents high quality and has over 20 years of experience in development, installation and implementation of dynamic lighting systems. If necessary, our experienced technical service provides comprehensive on-site support for every product.

## SMARTFLUX SFL-SERIES

PROVIDE YOUR LUMINAIRES WITH INTELLIGENCE



With the controllers from the SFL-series your (existing) luminaires can be provided with the intelligence needed. Whether it concerns a stand-alone application of a dimregime, the ability to individually approach and customize the fixtures or the use of a completely wireless dynamic-to-use module... the SFL-series has a controller for you.

### FEATURES

- Compatible with older or other systems, so that existing projects can be expanded, or may be maintained
- Universal use with virtually any manufacturers of luminaire
- Possibility of connecting sensors

### APPLICATIONS

Shipping docks, oil platforms, tunnels, parking lots, offices, etc.

## SMARTFLUX SFC-SERIES

REMOTELY COMMUNICATE WITH YOUR LIGHTING



The SFC-series offers several segment controllers which make it possible to provide the SFL controllers with an address. As a result, communication is possible back and forth. SFC controllers are available in several versions, including mobile data, Wi-Fi and LAN. In addition, there is an indoor and an outdoor housing.

### FEATURES

- Astronomical (time) switch
- Several connectivity options
- Autonomous circuits possible
- Low initial costs

### APPLICATIONS

Shipping docks, oil platforms, tunnels, parking lots, offices, etc.

## SMARTFLUX SFX-SERIES

RESPOND TO ENVIRONMENTAL VARIABLES



The SFX-series offers various doppler radar devices, which make it possible to have your lighting anticipate different circumstances as "add-on". Think of detecting motion, daylight penetration and twilight function.

### FEATURES

- Compact design
- Automatic update software in conjunction with the SFC-series
- Controlling lighting independently
- Sensitivity and range are fully adjustable

### APPLICATIONS

Shipping docks, oil platforms, tunnels, parking lots, offices, etc.

# INDUSTRIAL SUPPLIES

## ELECTRICAL MATERIALS HIGH-LEVEL INSTALLATION MATERIALS

*With heavy industrial environments there is a need for high reliability. Cable management on board ships, on oil rigs or in the (petro) chemical industry makes specific demands on the material. Nedelko therefore offers a complete range grafted onto this market segment. The Nedelko cable management products ensure that you can conceal your cables professionally and safe.*

### ADVANTAGES

- High end materials
- Fast assembly
- Increases safety
- Many solutions
- High reliability

### PRODUCTS

#### ABB

TY-RAP® cable ties

#### BAND-IT

Stainless steel cable ties and solutions

#### ELEMATIC

2-LOCK™ cable ties

Heat shrink tubing

#### FLEXICON

High-quality conduit and fittings



# ELECTRICAL MATERIALS

## ABB TY-RAP® CABLE TIES

THE ORIGINAL WITH STAINLESS STEEL LOCKING SYSTEM



Thomas & Betts invented the TY-RAP® to solve the dilemma that arises when attaching the hundreds of cables, wires and/or pipes used in aircraft construction. As a result, the company caused a revolution in the world of fasteners. Even today, the brand TY-RAP® remains the number one brand in innovation and cable management.

### FEATURES

- Corrosion-resistant, non-magnetic locking mechanism
- Available in different lengths and colors
- Can be used under the most diverse conditions damp, heat, cold, etc.

### APPLICATIONS

Quality fastening of cabling and countless other applications



## BAND-IT STAINLESS STEEL CABLE TIES AND SOLUTIONS

AVAILABLE IN VARIOUS STAINLESS STEEL VERSIONS



Whether for the industry, electrical systems, horticulture, telecommunications, utilities, OEM, or shipping, when an application demands the highest quality and most efficient processing method, then BAND-IT® provides the complete solution in the field of stainless steel mounting materials.

### FEATURES

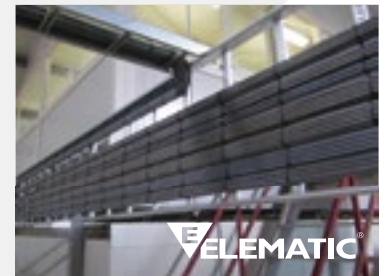
- Equipped with ball-locking mechanism
- Available in stainless steel 304, 316 and 316 coated
- Resistant to high temperatures, chemicals, salt water, radiation, etc.
- Both coated and uncoated available
- Provided with DNV mark

### APPLICATIONS

Industry, electrical installations, horticulture, telecommunications, utility, OEM or shipping, etc.

## ELEMATIC 2-LOCK™ CABLE TIES

WITH PATENTED STAINLESS STEEL FRAME FOR SUPERIOR TENSILE STRENGTH



Cable ties of polyamide 6.6 with stainless steel 316 double tooth locking system. The innovative locking system with the patented stainless steel frame gives this cable tie an improved tensile strength. Best in market! 2-LOCK™ combines the highest tensile strength with the lowest insertion force and redefines new, higher performance standards.

### FEATURES

- Polyamide 6.6 with double stainless steel 316 tooth (cage)
- Exclusive product (patented)
- Higher mechanical performances
- Minimum installation temperature (-40°C)
- Rounded edges for the safest application



### APPLICATIONS

Electrical installations, industrial wiring, automotive, panel building, special applications

# INDUSTRIAL SUPPLIES



## ELEOMATIC HEAT SHRINK TUBING

SAFE CABLE PROTECTION



Eleomatic produces a wide range of heat shrink tubing for various applications, including halogen-free, UL224, medium and thick wall, and heat shrink tubing with adhesive layer for extra protection against moisture and dust.

### FEATURES

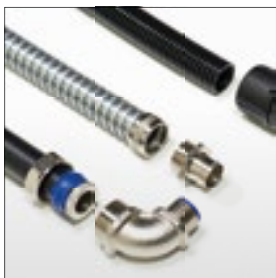
- Thin wall heat shrink tubing is available with a shrink ratio of 2:1, 3:1 and 4:1
- Medium and thick wall heat shrink tubing in 3:1 in diameters up to 200mm
- Several types of packaging are available: on reel, in handy box packaging, lengths of 1m

### APPLICATIONS

Electrical insulation, maintenance and repair, etc.

## FLEXICON HIGH-QUALITY CONDUIT AND FITTINGS

MANY SOLUTIONS WITH REGARD TO CABLE AND WIRE PROTECTION



Flexicon is a manufacturer of comprehensive and high-quality conduit and fittings for electrical wiring and cabling. The complete range of conduit consists of metal, metal with coating, and nylon versions.

### FEATURES

- Range includes metal, metal with plastic sheath and full plastic conduit
- Available in various qualities (U.V. resistant version, halogen-free, flame retardant, etc.)
- In addition to the conduits is a wide range of fittings available
- The conduit can be supplied with both PG connections and metric connecting threads in both straight and angled versions

### APPLICATIONS

Industry, machinery, offshore and shipbuilding, panel building, bodywork, etc.

### BESIDES THE BRAND

**FLEXICON**  
FLEXIBLE CONDUIT SOLUTIONS

### WE ALSO REPRESENT THE FOLLOWING BRANDS:

**Adaptaflex**

**KOPEX-EX**



# ELECTRICAL MATERIALS



# INDUSTRIAL SUPPLIES

## ENERGY AND INTERCONNECTION THE PERFECT HIGH END SOLUTION FOR EVERY SITUATION

*Nedelko is a distributor of a wide range of technical components for numerous industrial applications. The years of experience in the field of connectors and batteries has led Nedelko to become an important player for various industrial sectors. As connector and battery specialist, we have great expertise in the development and implementation of innovative solutions for (heavy) industrial applications where high demands are made.*

### ADVANTAGES

- High durability
- User friendly
- High performance
- Choose from a wide range of products
- EX solutions

### PRODUCTS

#### AMPHENOL

Starline EX® series

Amphe- EX™ series

#### MARECHAL

Electrical (EX) plugs & sockets, DECONTACTOR™

#### GLENAIR

Marine Bronze Seacrow connectors

#### LED LENSER

High-quality LED flashlights

#### PROENERGY

EPBLUE® OPzV series

EPBLUE® OPzS series

Ni-Cd batteries





# ENERGY AND INTERCONNECTION

## AMPHENOL STARLINE EX® SERIES

HEAVY DUTY CONNECTORS FOR OFFSHORE ACTIVITIES



This series is certified in accordance with the latest IECEx and ATEX EN60079 standards. The Amphenol Starline EX series is suitable for power, signal, and hybrid applications. Strong anodic coating provides a high dielectric strength and is very resistant to high temperatures and corrosion.

### FEATURES

- ATEX certified for use in Zone 1 IIC hazardous environments
- Certificate SIRAO3ATEX1101X
- EX II 2 GD
- EX d IIC T6
- EX de IIC T6



### APPLICATIONS

Petrochemical factories, off-shore drilling platform, automated paint booths, aviation fuel stations, etc.

## AMPHENOL AMPHE- EX™ SERIES

EXPLOSION PROOF CONNECTORS



Amphenol introduces a new, miniature, explosion-proof threaded connector specifically designed to allow a signal to pass through Zone rated areas using coax, fiber optic cables, or standard copper. The new Amphe-EX™ is complimentary to Amphenol's industry-proven Star-Line EX™. In addition, the rugged Amphe-EX™ connectors are ATEX and IECEx approved for Zone 1 rated applications.

### FEATURES

- Conductor options: Copper, Fiber Optic, Coaxial, Mixed
- Flexible Insert Layout Options
- Corrosion Resistant Plating exceeds 300 day salt spray testing
- Double lead mating provides ease of mating
- Large wire spacing in backshells allows easy contact installation



### APPLICATIONS

Chemical manufacturing, petrochemical refineries, land and offshore drill rigs, flour and sugar refining, etc.

## MARECHAL ELECTRICAL (EX) PLUGS & SOCKETS, DECONTACTOR™

UNIQUE TECHNOLOGY



The DECONTACTOR™ is a plug and socket-outlet system with an integrated power switch, allowing you connect and disconnect facilities in absolute safety – with plug-and-play-like simplicity. The industrial electrical connections comply with the latest regulations like IEC EN 60947-3 for switches, IEC EN 60309-1, the EU Low Voltage Directive and the ATEX 2014/34/EU Directive.

### FEATURES

- Gasket colour confirms voltage rating: as per standards
- Automatic watertightness: up to IP69K
- Silver-plated contacts
- Silver-nickel contacts: excellent electrical conductivity and performance



### APPLICATIONS

This extensive and comprehensive product range covers all industrial applications

## GLENAIR MARINE BRONZE SEACROW CONNECTORS

FOR HARSH-ENVIRONMENT APPLICATIONS



Glenair manufactures connectors qualified to V96929, VG95234 and VG95328 standards. The new Marine Bronze version increases the level of robustness of these connectors to be successfully used in all severe environment navy installations, as well as off-shore platforms, sea ports, geological and oceanographic applications.

### FEATURES

- Marine bronze alloy for superior corrosion resistance in seawater and other harsh environments
- Available in Series ITS, Series IPT, Series IGE and Series IT
- IP67 standard environmental sealing, IP68 available



### APPLICATIONS

Ideal for shipboard and offshore drilling applications

# INDUSTRIAL SUPPLIES

## LED LENSER HIGH-QUALITY LED FLASHLIGHTS

HIGH-QUALITY LED FLASHLIGHTS WITH EFFICIENT ENERGY USE



LED Lenser flashlights are characterized by the use of the highest quality LEDs. As a result, the flashlights have an excellent light output with efficient energy use. The flashlights are one of a kind because they have a lens instead of a reflector.

Thanks to this lens, one is able to adjust the light beam as desired without annoying rings or blind spots. This allows for a smoother image and much better sight.

### FEATURES

- Energy efficient with high luminous efficiency
- Using the highest quality LEDs
- Features a lens, instead of a reflector
- Beam set entirely to your own taste
- Making use of the Advanced Focus System



### APPLICATIONS

Emergency services, security, maintenance, etc.

## PROENERGY EPBLUE® OPZV SERIES

GEL BATTERIES FOR SOLAR AND REMOTE AREA POWER SYSTEMS



The ProEnergy EPBLUE® OPZV series have a large capacity, excellent heat-resistant property, superior cycle performance and a deep discharge recovery. The batteries are maintenance free, have a gas recombination efficiency higher than 95% and have a design float charging service life up to 20 years.

### FEATURES

- Excellent deep cycle performance
- High cycle service life
- Stronger constant power discharge capacity
- Non-spillable construction design
- Excellent deep discharge recovery performance



## PROENERGY EPBLUE® OPZS SERIES

TUBULAR FLOODED BATTERIES FOR SOLAR SYSTEMS



The ProEnergy EPBLUE® OPZS series are strong corrosion resistance, have a superior cycle performance and a deep discharge recovery. They have a design float charging service life up to 20 years.

### FEATURES

- Excellent deep cycle performance
- High cycle service life
- Stronger constant power discharge capacity
- Non-spillable construction design
- Excellent deep discharge recovery performance



### APPLICATIONS

Solar power systems, wind power systems, telecommunications, hybrid power systems, etc.

### APPLICATIONS

Solar systems, telecom base stations, wind power systems, etc.

# ENERGY AND INTERCONNECTION



## PROENERGY NI-CD BATTERIES

TUBULAR FLOODED BATTERIES FOR SOLAR SYSTEMS



The nickel-cadmium is the most reliable battery system available in the market today. ProEnergy batteries are designed to supply the ideal maintenance-free power backup solution for installations that demand maximum reliability and optimum TCO (Total Cost of Ownership) while operating for long periods at high ambient temperatures.

The ProEnergy Ni-Cd battery is especially suited for the oil and gas, utility and electricity industries where availability and reliability of backup power is essential.

### FEATURES

- Long cycle life
- Exceptionally long floating lifetime
- Maintenance free
- Wide operating temperature range
- Fast recharge/improved chargeability



### APPLICATIONS

UPS, process control, emergency systems, security systems, offshore oil and gas, switchgear, etc.

# INDUSTRIAL SUPPLIES

## IDENTIFICATION AND SAFETY SYSTEMS SAFETY FIRST

*Nedelko is an expert in delivering identification solutions for industrial applications. Besides, you can also contact us for Lockout Tagout products and safety showers. With these products, you reduce accidents in the workplace and create a safer work environment.*

### ADVANTAGES

- Increased safety for workers
- Saves lives and protects your business
- Highly effective and efficient
- Easy to use products and materials

### PRODUCTS

#### BRADY

Pipe markers in standard version

Pipe markers in roll form

Ball valve lockout

Cable lock for gate valves

#### MASTERLOCK

Blind flange lockout

Confined spaces covers

Rotating gate valve lockouts

Tool-free universal miniature breaker lockout

#### FSP-TECH

Tank safety shower (EX)

Frost protected showers

Indoor unheated safety shower

Eye/Face wash units



# IDENTIFICATION AND SAFETY SYSTEMS

## BRADY PIPE MARKING

ENSURING AWARENESS OF WHAT PIPES ARE CARRYING AS WELL AS ANY POTENTIAL HAZARDS

### THE IMPORTANCE OF PIPE MARKING SAFETY

When people think of workplace safety, they typically think of fall protection, personal protective equipment, machine safety and so on. They often overlook another very important part of workplace safety – *pipe marking*.

Pipe marking ensures that individuals working in the facility are aware of what pipes are carrying as well as any potential hazards associated with the pipe contents.

Hazardous materials flow through miles of piping in a wide variety of facilities. Just like hazardous materials in other “containers,” piping systems should be appropriately labeled. The American National Standards Institute (ANSI/ASME) has put regulations in place that require proper marking of hazardous materials in piping systems. The requirements, though not enforced by OSHA, offer both placement and color recommendations for marking. This helps in creating a standard pipe marking system that is easy to understand and work with.

### WHY PIPE MARKING?

**Enhance safety.** Unmarked pipes and valves can cause danger to life and damage to equipment. Brady pipe markers will help ensure that you, your staff and your premises remain safe.

**Reduce costs.** By correctly identifying pipes, errors can be prevented. Accidents caused by negligence lead to both physical and psychological grief and often cost companies large amounts of money.

**Save time.** Clear, concise identification with pipe markers, made from high performance laminated polyester, will stay in place and readable for 5 to 8 years due to high resistance to chemicals, ultraviolet rays and extreme weather conditions, saving valuable time by reducing the need to continually re-identify your pipes.

### WHERE TO APPLY PIPE MARKERS?

- At all changes in direction
- On both sides of entry points through floors and walls
- Next to all valves and flanges
- At 25 to 50 foot intervals on straight runs

### NEDELKO OFFERS YOU

A wide range over 300 different standard substances that are available in several sizes and layouts. This standard range covers the most frequently used industrial substances. In the unlikely event that your particular needs are not fulfilled in this range, don't worry: we will customize markers to your personal requirements.

### QUALITY

The self-adhesive markers are made from polyester film, laminated with a crystal clear polyester over-laminate. This over-laminate has a very high resistance to chemicals, ultraviolet rays and extreme weather conditions and ensures your pipe marker will stay in place and readable for 5 to 8 years.

## BRADY PIPE MARKERS IN STANDARD VERSION

WHEN PERFORMANCE MATTERS MOST



Brady offers a wide range of pipe markers. More than 500 different standard inscriptions are available in different sizes and layouts. This standard range is made up of the most commonly used substances in the industry.

### FEATURES

- UV and scratch resistant and can withstand extreme weather conditions and chemicals
- According to the European standard RAL color code
- Withstand temperatures from -40 °C to +120 °C

### APPLICATIONS

Harsh environment or light duty applications (both indoor and outdoor)

## BRADY PIPE MARKERS IN ROLL FORM

AN EXTENSIVE RANGE



Brady's roll form pipe markers wrap around the entire width of the pipe and adhere to themselves. Wrap around labeling is great for marking pipes that carry the same contents, because this roll form pipe marker eliminates the need for precise measurement of the pipes' diameter. Just cut to the size you need and wrap the vinyl sticker around the pipe.

### FEATURES

- Maximum visibility from all sides
- Resistance to chemicals, ultraviolet rays and extreme weather conditions
- Readable for 5 to 8 years

### APPLICATIONS

Harsh environment or light duty applications (both indoor and outdoor)

# INDUSTRIAL SUPPLIES

## BRADY & MASTERLOCK LOCKOUT/TAGOUT

### CONTROL OF HAZARDOUS ENERGY

Lockout/Tagout is the process of controlling hazardous energy during the service and maintenance of machinery or equipment. It involves the placement of a lockout padlock, devices and tag on an energy-isolating device, ensuring that the equipment being controlled cannot be operated until the lockout device is removed.

Hazardous energy comes in many different forms, all of which are potentially harmful to employees: Electrical, Mechanical, Hydraulic, Chemical, Thermal, Pneumatic or Gravity. During the servicing and maintenance of machines and equipment, the unexpected startup or release of stored energy can result in serious injury or death to workers.

### OSHA STANDARDS: THE U.S. OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

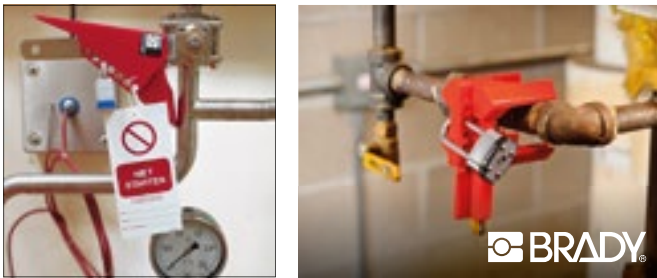
Many international companies have adopted OSHA standards to control Lockout. Program and procedures. All our Lockout/Tagout products meet OSHA guidelines. OSHA Standard 1910.147 relates to LOTO and the Control of Hazardous Energy.

### REGULATIONS IN EUROPE: Directive 89/655/EEC amended by 2001/45/EC Art. 19

"The employer is committed to guarantee the safety and protection of employees and to take the necessary measures to reduce risks to the minimum possible."

## BRADY BALL VALVE LOCKOUT

### VERSATILE AND EASY TO USE



Brady ball valve lockout devices will lock out a range of different pipes by securing the valve handle in the OFF position. The Brady small lockout devices will lock pipes with diameters measuring from ½" to 3". The Brady large ball valve lockout devices can lock out pipes that range from 2" to 8" in diameter. Device material also varies depending on application.

### FEATURES

- Made from either powder-coated steel or ultra-tough polypropylene
- Withstands temperatures up to 120 C
- Resistant to cracking, friction and chemicals
- Different versions available

### APPLICATIONS

Maintenance work on plants, industrial power sources, machines, etc.

### Art. 2.14

All work equipment must be fitted with clearly identifiable means to isolate it from all its energy sources. Reconnection must be presumed to pose no risk to the workers concerned.

### NEDELKO OFFERS

A broad range of durable, easy-to-use lockout devices that cover most mechanical and electrical applications. Nedelko can help you maintain compliance with safety regulations by providing a wide variety of Lockout/Tagout kits and devices, so that you are prepared to roll out safety protocols when needed.

Save valuable downtime and keep your employees safe with Nedelko's wide range of Lockout/Tagout devices. Our products include Padlocks, Hasps and Lockout devices for Gate Valves, Ball Valves, Circuit Breakers, Butterfly Valves, Plugs, Training and Procedure Writing, Lockout Kits & Stations, Key Safes, Tags and Ties. Nedelko has all your lockout and tagout needs covered.

## BRADY CABLE LOCK FOR GATE VALVES

### HIGHLY EFFECTIVE AND EFFICIENT



Brady lockout cables provide solutions for locking out gate valves, handles and other oversized devices. Many of these devices work by simply squeezing the handle to tighten the cable and then inserting the padlock to secure and hold the cable in place.

### FEATURES

- Versatile to lockout multiple electrical or valve energy isolation points
- Available in vinyl coated metal cable and non-conductive nylon cable
- 4 padlocks can be applied
- Body withstands chemicals and corrosion

### APPLICATIONS

Maintenance work on plants, industrial power sources, machines, etc.

# IDENTIFICATION AND SAFETY SYSTEMS

## MASTERLOCK BLIND FLANGE LOCKOUT

BEST PRACTICE LOCKOUT SOLUTION FOR PIPELINE MAINTENANCE



During pipeline maintenance, closed valves upstream could fail or residual material in the line may not be fully drained. These create potential exposure to downstream workers to chemicals, flammable gasses, oil, steam and other risks. Use of a blind on a flange pipe is required by OSHA and provides a physical barrier against the unintentional release of energy.

### FEATURES

- Ensures the blind will not unintentionally be removed until all work is complete
- Small, medium and large version available
- Durable aluminum and hardened steel construction withstands conditions indoors and out

### APPLICATIONS

Maintenance work on plants, industrial power sources, machines, etc.

## MASTERLOCK CONFINED SPACES COVERS

SIGNAGE AND BARRIER PROTECTION ALL-IN-ONE



Master Lock Confined Space Covers exceed the OSHA 29CFR 1910.146 Standard for Permit Required Confined Spaces. In addition to clearly identifying the confined space, the lockable covers provide a secure barrier to entry to ensure no employee or temporary worker enters without permission.

### FEATURES

- Halt unauthorized entry
- Ultra durable
- Guard against weather & debris
- Prevent infestation

### APPLICATIONS

Maintenance work on plants, industrial power sources, machines, etc.

## MASTERLOCK ROTATING GATE VALVE LOCKOUTS

SURROUNDS THE VALVE OPERATING HANDLE TO PROTECT AGAINST ACCIDENTAL VALVE OPENING



Multiple workers can apply their lockout hasps or personal safety locks. Outward/Inward Rotation Allows for Easier Installation & Storage.

Tough, lightweight, dielectric Zenex™ bodies withstand chemicals; perform effectively in extreme conditions.

### FEATURES

- Center knockout can be removed for rising stem gate valves
- Multiple workers can apply their lockout hasps or personal safety locks
- Available for 1" to 13" diameter valve handles
- Complete with high-visibility permanent safety labels that can be written-on

### APPLICATIONS

Maintenance work on plants, industrial power sources, machines, etc.

## MASTERLOCK TOOL-FREE UNIVERSAL MINIATURE BREAKER LOCKOUT

LOCKS OUT VIRTUALLY ALL MINIATURE ISO/DIN CIRCUIT BREAKERS THROUGHOUT THE WORLD



The tool-free design of this safety device eliminates the need and hassle for extra tools. The patented Master Lock S2394 features a thumb turn dial screw that easily adjust and securely tightens onto the circuit breaker's toggle switch.

### FEATURES

- It is simple to apply and lockout nearly any type of miniature circuit breaker
- Padlock can be applied horizontally or vertically
- Can be mounted side-by-side on adjacent miniature circuit breakers
- Durable thermoplastic material is chemical resistant and performs effectively in extreme environments

### APPLICATIONS

Maintenance work on plants, industrial power sources, machines, etc.

# INDUSTRIAL SUPPLIES

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## FSP-TECH INDUSTRIAL TANK SAFETY SHOWERS

A MUST FOR ANY RESPONSIBLE BUSINESS INVOLVED IN THE HANDLING OF DANGEROUS MATERIALS

*Tank safety showers and eye baths are an essential safety feature in any industrial environment where chemicals or other substances hazardous to health are used. Whilst not mandated by law, recommendations are given in several EU and American regulatory guidelines. Failure to follow these health and safety guidelines can leave an organization open to litigation should injury occur. So in reality the presence of suitable safety shower equipment is a must for any responsible business involved in the handling of dangerous materials.*

### SAVING LIVES AND PROTECTING BUSINESS

The Safety Shower People have a simple mission. We are here to save lives and to protect businesses from litigation risk. We achieve this by producing the highest quality product on the market. We never compromise on quality, have the highest standards of QC and we will work with our customers to ensure the product supplied is built to meet their exact requirements. Rather than simply selling a range of products we sell solutions to risk management problems. This bespoke approach results in a superior product fit and ultimately a safer working environment.

### TANK SAFETY SHOWERS

Tank safety showers have a self-contained water supply in a large stainless steel tank. The shower is gravity fed from the tank above. This means that the shower will operate independently of a mains water supply and power supply.

Tank safety showers with integrated water storage tanks are useful in a wide range of situations.

#### They are particularly suitable if:

- Installation site has no water supply
- Installation site has a unreliable water supply
- Tempered water is required

### RELIABILITY

The tank safety shower is a very simple device. Essentially it consists of a large tank over a shower head with a simple on/off mechanism. This simplicity means that the tank will always work when required. Disruptions to the water supply or power supply will not impede the basic operation of a tank safety shower unit. It should be remembered that in the event of a disaster, such as a large explosion, water supply could be disrupted at precisely the moment a shower is needed.

Depending on the risk analysis tank safety showers are available in various sizes and flow rates for a variety of different applications. For outdoor erection heated models are available. Immersion bath heaters with safety thermostats are used to maintain the water temperature at an appropriate level.

#### Heated water prevents:

- Hypothermia of the user
- Freezing of the tank safety shower

All models of tank safety showers are built in accordance with the requirements of DIN 12899-3:2009 and ANSI Z.358.1-2009 and have a structural engineering calculation according to DIN 1055.

### INDUSTRIAL EMERGENCY SHOWERS

This is our standard range of industrial emergency showers. The showers rely on a plumbed-in water connection and are operated by a hand bar/lever or by a foot peddle/pad.

#### The complete shower range is divided into the following product ranges:

- Wall mounted emergency showers
- Free standing emergency showers
- Frost protected emergency showers

Made from high quality 316 stainless steel, these showers come with a variety of optional add-on features making them versatile and customizable to your exact needs.

For cold environments a range of frost protected showers are provided. These should be deployed in situations where sub-zero temperatures may impede the working of the showers. As with our other product ranges these showers can be customized to meet the exact needs of our customers.

### EYE BATHS

An emergency eye bath or face wash unit is designed to flush the eyes and/or face in the event of contact with dangerous fluids. Often eye baths are integrated into body shower units but if the amount of dangerous chemicals present at site is of insufficient quantities to warrant a full shower unit, then stand-alone eye baths may be acceptable.

### ATEX AND SAFETY SHOWERS

By their very nature safety showers and eye baths need to be located close to hazards. In many cases the hazardous materials the safety showers are in place to protect workers from may pose an explosion risk. As such the showers often need to be deployed in potentially explosive environments. For a basic, un heated shower with no electrical components and no moving parts ATEX compliance is not a consideration. As long as the shower is made of a conductive material that remains earthed it will not need to be ATEX certified. However as soon as one starts adding any electrical components such as heating element, alarms or position lights then these components and the whole shower assembly must be ATEX certified.



# IDENTIFICATION AND SAFETY SYSTEMS

## FSP-TECH TANK SAFETY SHOWER (EX)

EXPLOSION PROOF



All tank safety showers are suitable for operation in normal areas and hazardous zones 1&2 and have ATEX certificates for category EX II 2G.

### FEATURES

- Supplied with storage tank
- The tank is insulated on all sides and sheathed with stainless steel panels
- Suitable for operation in normal areas and hazardous zones 1&2



### APPLICATIONS

Shipping piers, railway loading areas, unheated production areas, open air tank storage, etc.

## FSP-TECH FROST PROTECTED SHOWERS

PREVENT FROSTBITE



The FSP-Tech frost protected showers have a self regulating trace tape heating to guarantee there is no risk of freezing. Besides that, they have an additional outdoor thermostat to save energy and to extend the life period of the trace tape heating.

### FEATURES

- Available in a wall mounted or free standing version
- High performance shower head constructed in accordance with DIN EN / ANSI standards
- Suitable for operation in normal areas and hazardous zones 1&2
- ATEX certificates for category EX II 2G

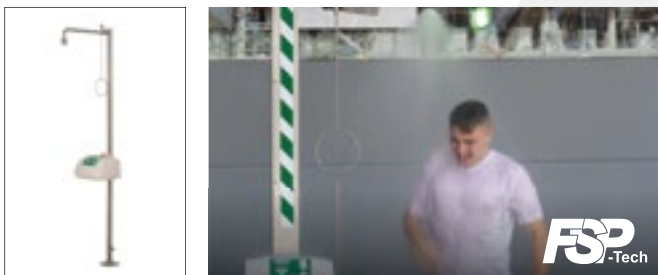


### APPLICATIONS

Shipping piers, railway loading areas, unheated production areas, open air tank storage, etc.

## FSP-TECH INDOOR UNHEATED SAFETY SHOWER

ROBUST SAFETY SHOWERS FOR FROST-FREE AREAS



The FSP-Tech modular unheated safety showers include freestanding, wall or ceiling-mounted types, which can be combined with eye wash units. Signaling stripes (green/white) facilitate the recognition of the shower in emergencies. Numerous options allow adaptation to local conditions.

### FEATURES

- Available with stainless steel pipes and fittings or galvanized, white coated steel pipe and brass fittings
- Large quantities of water for rapid decontamination
- Control by stainless steel tie rods
- Versions for EX-Zone have the ATEX certificate both for electrical and non-electrical components



### APPLICATIONS

The storage of hazardous substances, loading areas, industrial production areas, etc.

## FSP-TECH EYE/FACE WASH UNITS

FOR INDUSTRY AND LABORATORY USE



The FSP-Tech eye/face wash unit excels by very simple installation. You can choose a model with or without lid. The size and performance of the eyewash provides excellent recognition even in emergencies.

### FEATURES

- Versions for both indoor and outdoor
- In accordance with DIN EN 15154-2:2006 and ANSI Z358.1-2009
- Often used in combination with body safety showers.
- Eye/Face wash units are DVGW approved



### APPLICATIONS

Hospitals, universities, research and development in industry, etc.

# INDUSTRIAL SUPPLIES

## AUDIO, VIDEO AND LIGHT EXCELLENCE WITH A VAST SELECTION

*In addition to the audio, video and light products that are being used in the entertainment industry Nedelko has composed a special range of audio systems for the industrial market. Thanks to their high qualities they can serve as an important communication tool within the toughest industrial environments.*

### ADVANTAGES

- Well suited for outdoor use
- Increases safety
- Optimum listening pleasure and clarity
- Maximum sound distribution uniformity
- Very wide response and dispersion angles

### PRODUCTS

#### NEDELKO

In-ceiling speakers

Weather-proof speakers

Plastic DNH sound projectors

ABS sound projectors

(ABS) horn speakers



# AUDIO, VIDEO AND LIGHT

## NEDELKO INDUSTRIAL AUDIO SYSTEMS

EXCELLENCE WITH A VAST SELECTION

Nedelko offers a vast and comprehensive range of speakers to meet all sound requirements and applications. Specifically designed to enable simple and safe installation, with a modern and eye-catching design, these products are the ideal choice to solve all ambient sound distribution requirements. All product lines, from recessed ceiling speakers in paint-finished metal or in plastic with dual cone or coaxial speakers, speakers constructed using fire-resistant materials, IP 55-56-68 weatherproof elements, speakers designed for clean rooms or special production departments, to the industrial or entertainment sound models, have been designed according to the latest electro-acoustical parameters. The result is absolute excellence; perfect music reproduction and optimal voice clarity and speech fidelity. Special attention has been paid to the simplification and reduction in time required for installation and network connections of the power cables, thanks to a special accessory kit supplied as standard.





[WWW.NEDELKO.EU](http://WWW.NEDELKO.EU)

YOUR **TOTAL SUPPLIER**  
AND **TECHNICAL SPECIALIST**



**NEDELKO B.V.**

Riga 10  
2993 LW Barendrecht  
T +31 (0)180 64 54 00  
E [info@nedelko.nl](mailto:info@nedelko.nl)



**NEDELKO BELGIUM N.V.**

Prins Boudewijnlaan 49  
2650 Edegem  
T +32 (0)3 826 99 99  
E [info@nedelko.be](mailto:info@nedelko.be)



**NEDELKO S.R.O.**

Purkyňova 74/2  
110 00 Prague 1 – Nové Město  
T +420 222 563 003  
E [info@nedelko.cz](mailto:info@nedelko.cz)

[WWW.NEDELKO.EU](http://WWW.NEDELKO.EU)

Member of **NES** COMPANIES