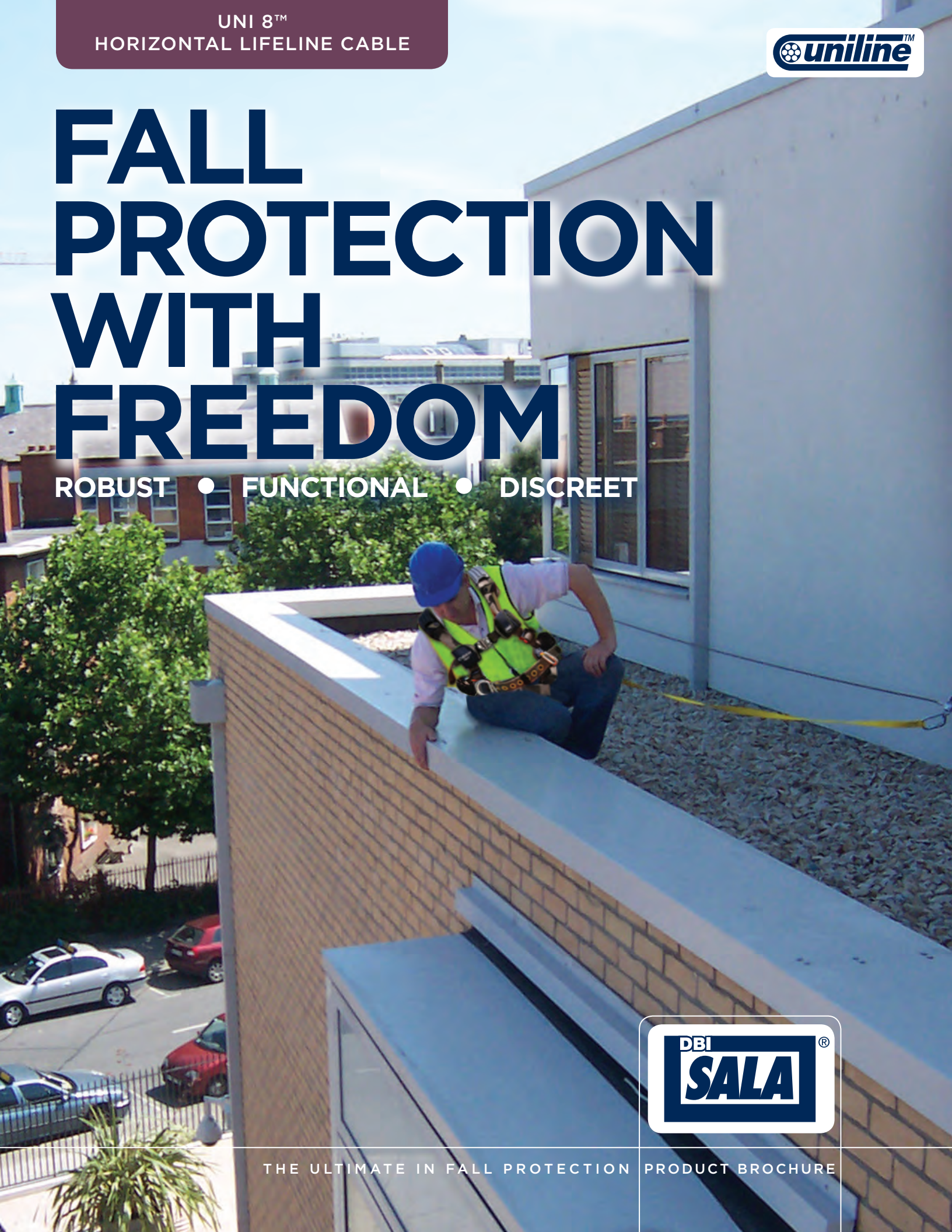


UNI 8™  
HORIZONTAL LIFELINE CABLE



# FALL PROTECTION WITH FREEDOM

ROBUST • FUNCTIONAL • DISCREET



THE ULTIMATE IN FALL PROTECTION PRODUCT BROCHURE



**UNI 8™ HORIZONTAL LIFELINE CABLE  
FALL PROTECTION SYSTEM**

# **FOR WORK RESTRAINT OR FALL ARREST**



Our comprehensive range of fall arrest and fall protection systems offer fully compliant, practical solutions for structures of all types in all industries. Our mission to deliver quality service, training and support for our customers has earned Capital Safety a deserved reputation for excellence around the world.

Capital Safety's certified trained installers provide industry-leading installation and training services throughout equipment life to help make your workers' safety a priority.

**To learn more about engineered systems and more, visit [www.capitalsafety.com](http://www.capitalsafety.com).**


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# VERSATILE DESIGN AND MULTIPLE MOUNTING OPTIONS



**ALLOWS THE SYSTEM TO BE INSTALLED  
TO A WIDE VARIETY OF STRUCTURES**

## PRODUCT OVERVIEW

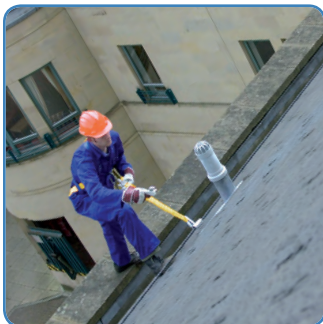
The Uni 8™ evolution™ System is comprised of an 0.31" (8mm) stainless steel cable permanently installed horizontal lifeline. It is suitable for any application where a user needs to move in a continuous line (straight and round corners) and suitable anchorage points are available to connect to either ends of the line. It can be used for either work restraint or fall arrest.

In 2011 Capital Safety acquired Uniline™ Safety Systems and the Uni 8™ horizontal lifeline was added to its range. This system has now been combined with the DBI-SALA® evolution™ System to bring together two established and well respected horizontal lifelines while maintaining all the features and benefit of both systems.

# FEATURES AND BENEFITS

- **The Uni 8™ System's** versatile design and multiple mounting options can be installed to a wide variety of structures.
- **A broad range of mounting bracket options** allows navigation of corners and building contours while offering excellent functionality through its free flowing bypass capability.
- **The Uni 8™ evolution™ Traveler** can be used on either side of the line without removing and reattaching it allowing the user flexibility to move around the system.
- **In-line energy absorbers** reduces load transfer to the structure in the event of a fall.
- **The Uni 8™ System** can span up to 40' (12m) between support brackets.
- **The single 0.31" (8mm) cable** provides a discreet and unobtrusive solution to fall protection.
- **The system can support multiple workers**, up to 310 lbs (140kg) each, allowing a team of people to carry out tasks at height.
- **Computer software** calculates system performance to ensure system designs meet customer needs and are safe.
- **Minimal moving parts** and high grade materials ensure long life expectancy, low cost of ownership and add up to a sound investment.
- **Electro-polished stainless steel (316) components** provide long-term corrosion resistance.\*
- **Tested to EN795 class C** and meets the requirements of AS/NZS and is OSHA compliant.

*\* Some aggressive environments can cause corrosion and discoloration of stainless steel.*



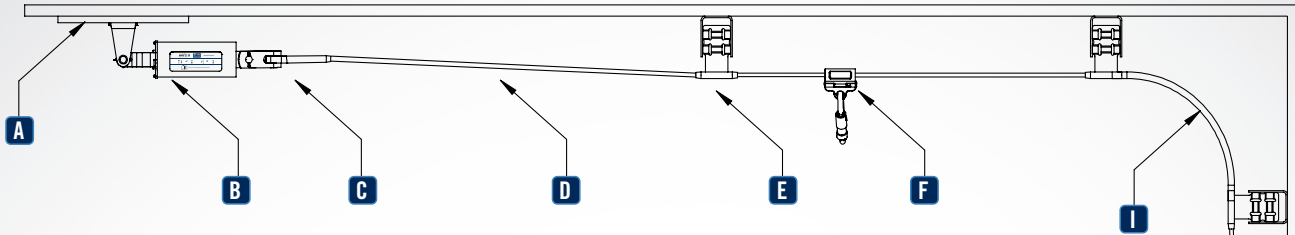
## APPLICATIONS OVERVIEW

The Uni 8™ System is well suited to modern building projects, refurbishments and can also be used for a wide range of industrial safety applications.

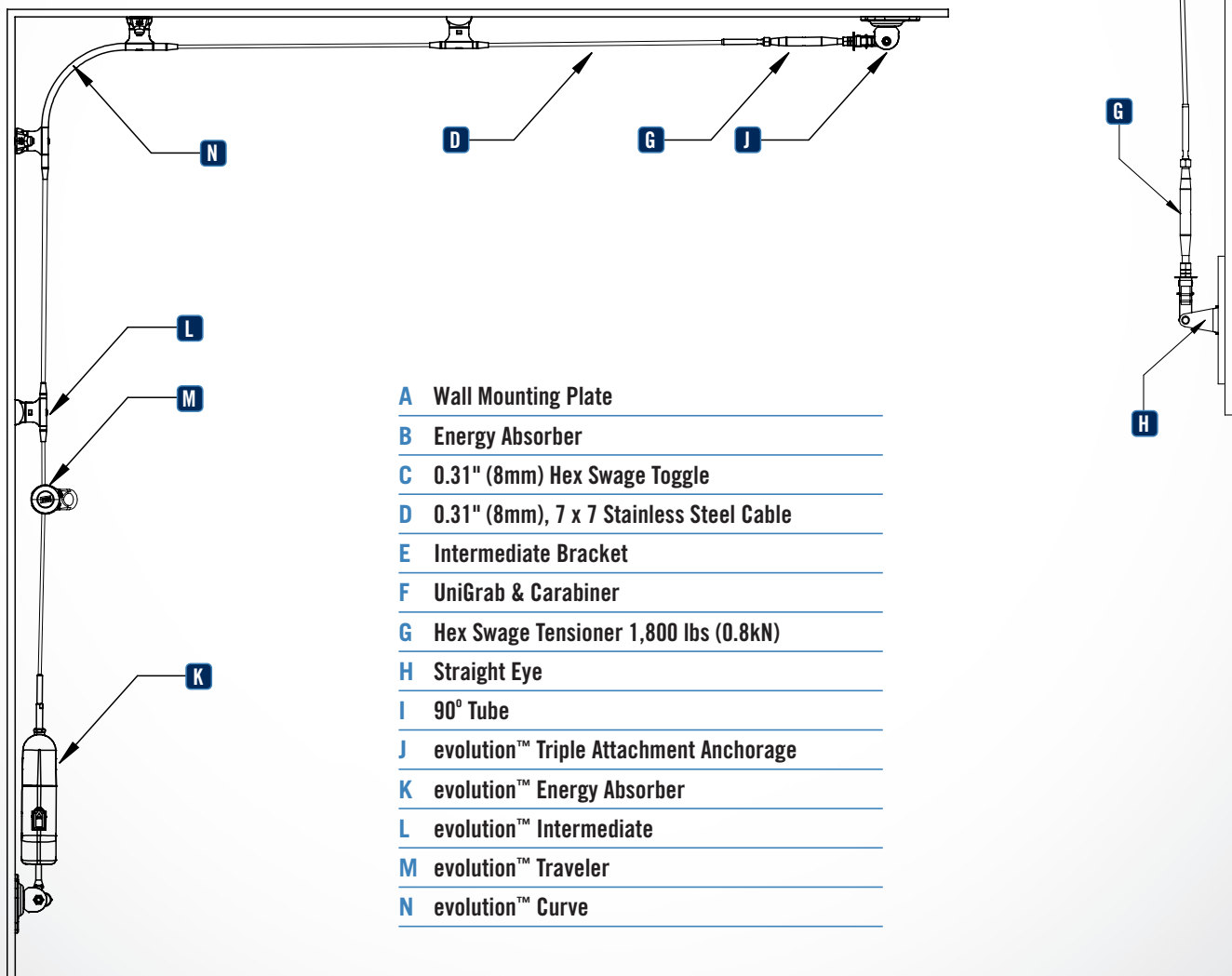
Uni 8™ offers excellent functionality through its free flowing bypass capability and can navigate corners and contours in building designs.

# INSTALLATION EXAMPLES

## Typical Uni 8™ System



## Typical Uni 8™ evolution™ System



- A Wall Mounting Plate
- B Energy Absorber
- C 0.31" (8mm) Hex Swage Toggle
- D 0.31" (8mm), 7 x 7 Stainless Steel Cable
- E Intermediate Bracket
- F UniGrab & Carabiner
- G Hex Swage Tensioner 1,800 lbs (0.8kN)
- H Straight Eye
- I 90° Tube
- J evolution™ Triple Attachment Anchorage
- K evolution™ Energy Absorber
- L evolution™ Intermediate
- M evolution™ Traveler
- N evolution™ Curve



# KEY COMPONENTS

## TRAVELERS



UNI 8™ EVOLUTION™ TRAVELER



UNI 8™ UNIGRAB

## END FIXINGS



UNI 8™ ENERGY ABSORBER



UNI 8™ EVOLUTION™ HIGH CAPACITY ENERGY ABSORBER



UNI 8™ TENSIONER



UNI 8™ 0.31" (8mm)  
HEX SWAGE TOGGLE



UNI 8™ 0.31" (8mm)  
HEX JOINER



UNI 8™ WALL MOUNTING  
PLATE

## END FIXINGS



**UNI 8™ STRAIGHT EYE**



**UNI 8™ EVOLUTION™ TRIPLE ARTICULATED ANCHORAGE POINT**



**UNI 8™ EVOLUTION™ MONO ATTACHMENT ANCHORAGE**

## BRACKETS



**UNI 8™ INTERMEDIATE BRACKET**



**UNI 8™ VARIABLE BRACKET**



**UNI 8™ 90° TUBE  
UNI 8™ 45° TUBE**



**UNI 8™ EVOLUTION™ SHORT CURVE**



**UNI 8™ EVOLUTION™ INTERMEDIATE BRACKET**



**UNI 8™ EVOLUTION™ CURVE**

## CABLE



**0.31" (8mm), 7 X 7 STAINLESS STEEL CABLE**



# UNI8™ SYSTEM COMPONENT COMPATIBILITY

In the Uni 8™ System there are two Traveler options. The table below shows which components can and cannot be used with each Traveler. Full details of component compatibility can be found in the Uni 8™ technical manual.

		Curved System	Straight System
			
		Uni 8™ evolution™ Traveler	Uni 8™ UniGrab
Intermediate Bracket		✓	✓
45° Tube		✓	✓
90° Tube		✓	✓
evolution™ Intermediate		✓	✗
evolution™ Curve		✓	✗
evolution™ Short Curve		✓	✗
evolution™ Energy Absorber		✓	✓
Energy Absorber		✓	✓
Tensioner		✓	✓
evolution™ Triple Articulated Anchorage Point		✓	✓
evolution™ Mono Attachment Anchorage		✓	✓

# WORKING SAFELY AT HEIGHT

## ONE OF THE MAIN CAUSES OF DEATHS AND INJURIES AT WORK IS FALLING FROM HEIGHT.

When working at height is unavoidable and other means of protection are not possible, horizontal fall protection systems may be your best solution.

The user attaches to the horizontal life line (HLL) system via personal protection equipment (PPE) such as a harness and an energy absorbing lanyard or self retracting lifeline (SRL). Uni 8™ is ideal for protecting workers carrying out a task at height over long distances as it provides continuous protection while the workers are able to carry out their work uninterrupted.

Uni 8™ systems are typically installed by a Capital Safety Certified Installer who has been fully trained and authorized, and are supported by inspections every 12 months to ensure system integrity.

The Uni 8™ Horizontal Lifeline System combined with good management controls provides a simple, yet comprehensive solution that will ensure compliance with current regulations in most circumstances.





# RECOMMENDED DBI-SALA® ACCESSORIES

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**EXOFIT NEX™**



**EZ-STOP®  
LANYARD**

**EXOFIT NEX™ HARNESS**

Only devices approved by DBI-SALA® should be used on the RoofSafe™ Anchor & Cable System. This ensures the safety of your workers, as many devices are not tested in conjunction with horizontal cable fall protection systems.

Your system advisor can recommend additional equipment and training for your personnel for working safely at height.



## INNOVATION THAT BRINGS WORKERS AT HEIGHT HOME SAFELY.

Capital Safety is a global company solely dedicated to fall protection and rescue. Our focus is razor sharp. And it continually drives us to design and manufacture the safest possible height safety gear.

We understand the industries we serve and listen to the workers in the field. We employ the best engineers to create innovative solutions and patent the products that keep workers safe at heights around the world. Capital Safety has the best quality and largest range of fall protection products in the industry. But we're more than a product company.

We take an innovative approach in bringing our products to the field. We have created international partnerships and a vast network of authorized distributors, certified installers and service centers. We offer on-site and in-house training. And we're ISO 9001-2000 certified for customer service, as well as manufacturing and engineering.

Capital Safety is one of the world's leading manufacturers of fall protection and rescue equipment, with decades of experience and a legacy of innovation. Look for complete solutions in our extensive line of DBI-SALA® and Protecta® products.



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