

**Save Money...
Save Time...
Minimize
Regulatory
Requirements**

FLEX PROTECTOR™ ZIP-BOOT™

**Corrosion protection of
underground petroleum
piping systems.**

JD JohnDow
Automotive Service Equipment

FLEX PROTECTOR™

FLEX PROTECTORS isolate selected piping sections such as flexible connections from the surrounding ground or backfill, thereby entirely eliminating the need to cathodically protect these products.

FLEX PROTECTORS are highly resistant to petroleum based fuels and offer long-term resistance to corrosive soils. Their unique polymer formulation insures long service life. Unlike cathodic protection, regular inspections by a "CATHODIC PROTECTION TESTER" and the resulting paperwork/documentation are NOT required with **FLEX PROTECTOR**. Due to their unique ability to "shrink fit" and to conform to various dimensions, there is no need to stock many different sizes of **FLEX PROTECTORS**.



Typical Installation of a
FLEX PROTECTOR™ FP-1

Flex Protector 1 (FP1) Series Kits and Rolls

Model	Size
JDI-330FP1	3"D X 30"L
JDI-336FP1	3"D X 36"L
JDI-3240FP1	3"D X 20'L Roll
JDI-31200FP1	3"D X 100'L Roll
JDI-436FP1	4"D X 36"L
JDI-4240FP1	4"D X 20'L Roll
JDI-41200FP1	4"D X 100'L Roll



Single Wall Piping Applications

FP1 products are used to isolate flexible connections and are produced in various sizes and configurations to cover most single wall piping designs.

The **FP1** product series consists of a highly flexible heat shrinkable sleeve.

Economy and fast installation make the **FP1** product series the best value for a single wall piping isolation.

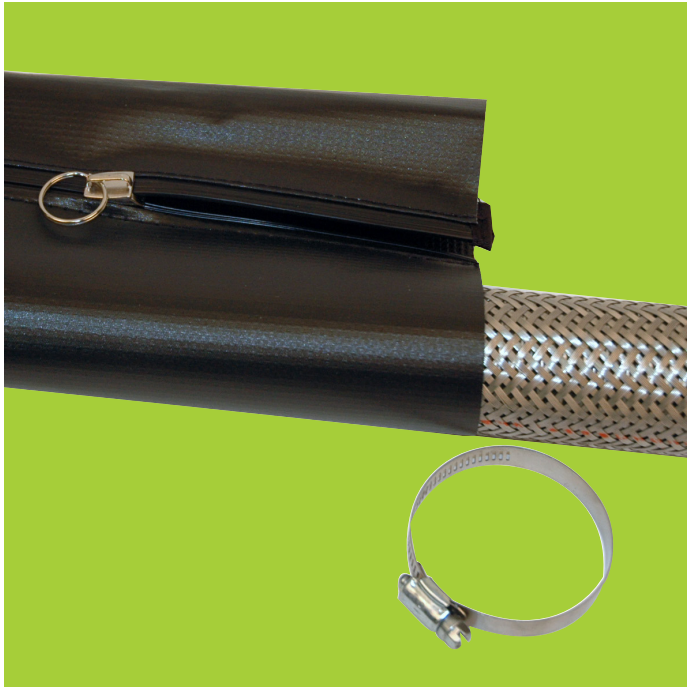
FP1-R products are ideally suited for retrofits and in applications where heat-shrinking is not practical.

Flex Protector 1-R (FP1-R) Retrofit Series Kits and Rolls

Model	Size
JDI-536FP1-R	5"D X 36"L
JDI-5600FP1-R	5"D X 50'L Roll
JDI-51200FP1-R	5"D X 100'L Roll

To locate a **FLEX PROTECTOR™** distributor or sales agency visit our website at www.johndow.com.

ZIP-BOOT™



ISOLATE existing flexible connections without:

- Opening the product lines
- Retesting the product lines
- Shutting down product lines
- Long installation delays

Many piping systems today contain flexible connections that need to be isolated. **ZIP-BOOT** offers a fast ECONOMICAL way to isolate without undergoing EXPENSIVE, time-consuming PIPING changes.

General description:

Standard **ZIP-BOOT** size is 4" I.D. x 36" and is designed to isolate flex connections or systems that have not previously been isolated.

ZIP-BOOT is a fast and easy way to install and does not require that the piping be opened for installation. **ZIP-BOOT** is sold as a kit so the installer has everything needed to do the job right!

Zip-Boot Kits

Model	Size
JDI-436ZB	4" I.D. X 36" L
JDI-636ZB	6" I.D. X 36" L

ZIP-BOOT Kit Package consists of:

- **ZIP-BOOT**
- Clamps
- Adhesive

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Austin Engineering introduced the **FLEX** **PROTECTOR**™ and **ZIP-BOOT**™ lines in 1986 and provided these innovative, time-saving products for many years until 2012 when JohnDow Industries acquired the two lines. These items blend well with our existing JohnDow offerings such as Crew Chief, Fuel Chief, EuroVent and all the other JohnDow Automotive Service Equipment products.

EPA 28 (280.20.,(b) Piping UST Regulations require “all piping containing regulated substances (petroleum products) in contact with the ground be cathodically protected steel or fiberglass piping.” Flexible connections containing petroleum products are included in these regulations.

JACKETING APPLICATION GUIDE

Product	Product Description	Product Application
FP1 Series	FP1 products are very flexible, one-piece specially compounded heat shrink tubing. Packaged in individually-boxed units and kits, ranging from 30" to 100' rolls in 3" and 4" inside diameters. Necessary clamps are included.	FP1 products provide electrical isolation of flexible connectors and other metal connections and are used in single wall piping systems, replacing costly cathodic protection schemes.
FP1-R Series	FP1-R retrofit products have a large 5" I.D. and are similar to the FP1 in flexibility. FP1-R products are folded and clamped to form a seal – the large diameter allows fast and simple installation without use of the heat shrinking capability. Offered in kits and rolls. Necessary clamps are included.	FP1-R products are isolation jackets that are ideally suited for retrofit applications beneath motor fuel dispensers without disassembly of the impact valve and flexible connector. <i>Also suggested for use where heat-shrinking is not practical.</i>
ZIP-BOOT™	ZIP-BOOT™ Kits consist of either a 4" I.D. x 36" or a 6" I.D. x 36" long jacket with tracked zipper, clamps and adhesive package included.	ZIP-BOOT™ is used to isolate existing flexible connections without opening, retesting or shutting down product lines.

* Not For Use In Double Wall Applications.



Performance, Reliability, Commitment.

For more information on JohnDow, call us toll-free at 1.800.433.0708.

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