



Indiana Seal Shielded Couplings

Advancing the Industry

Indiana Seal offers the most advanced array of shielded flexible couplings in the industry. Whether it be the original **Shear Ring** and **Amazon Shear Ring** couplings, the new **Step Down** shielded couplings, or the industry changing **Shear Guard**, Indiana Seal has the perfect shielded coupling for virtually any application.

SHEAR RING and AMAZON SHEAR RING Couplings – *The Original*

The Shear Ring and Amazon Shear Ring couplings offer joint protection from shear failure through the use of a stainless steel shear band. Through the use of the 300 series stainless steel, the Shear Ring and Amazon Shear Ring couplings are corrosion resistant. Available with both the Shear Ring (.007 Stainless Steel band wall thickness) and Amazon Shear Ring (.012 Stainless Steel band Wall thickness) shields.



Amazon Shear Ring

Benefits

Cost Savings: Helps eliminate costly repairs by reinforcing the joint with the Shear Ring and Amazon Shear Ring shields.



Step Down Coupler

STEP DOWN – *New*

Take a step up to the Step Down, offering advanced features with the same strength and reliability of the standard Shear Ring and Amazon Shear Ring couplings. The Step Down shielded coupling is used where a transition from differing pipe materials is needed, improving the ease of a water tight connection while maintaining the strength of the joint. Through the use of the Step Down, the compressing of additional material is eliminated ensuring the material that is needed is compressed and sealed tightly against the pipe. Available with both the Shear Ring (.007 Stainless Steel band wall thickness) and Amazon Shear Ring (.012 Stainless Steel band Wall thickness) shields.

Benefits

Cost Savings: Helps eliminate costly repairs by reinforcing the joint with the Shear Ring and Amazon Shear Ring shields.

Better compression over couplings with thick reducers.

Increased adaptability: Through the use of the Step Down, the coupling is allowed to stretch over and tighten down to a larger range of pipe diameters than couplings with thick reducers.

*Currently available in select sizes of the 102(CLAY X CI/PVC) & 106(CONC X CI/PVC) series shielded couplings.



SHEAR GUARD®

The Shear Guard coupling uses the rigid PVC sleeve to slide over the flexible coupling locking the joint in place and forcing improved pipe alignment. The repair can be made with the standard flexible coupling (included with the Shear Guard) and then by sliding the Shear Guard back over the coupling, the joint is locked in place and protected from shear failure.



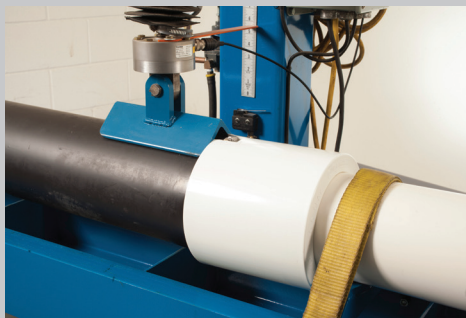
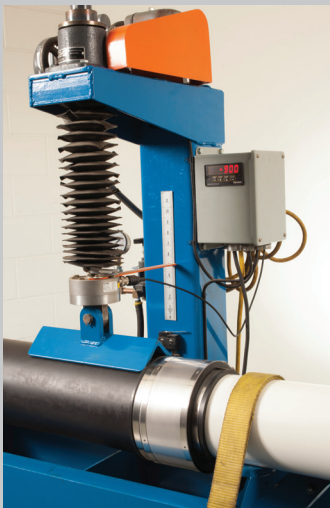
Shear Guard

Benefits

Cost Savings: Helps eliminate costly repairs by reinforcing the joint with the Shear Guard.

Improved Pipe Alignment: Through the use of the rigid PVC outer sleeve the Shear Guard forces improved pipe alignment.

Ease of Installation: With the rigid PVC Sleeve the amount of stainless steel bands is reduced eliminating the amount of tightening time.



Testing:

Indiana Seal tests the shielded couplings to ensure they are meeting and exceeding the ASTM standards. The shear ring couplings shown are required to pass the ASTM standard 50 lbs per diameter inch, 6" being 300 lbs of shear force and are still in compliance at 900 lbs. Indiana Seal has tested some of these couplings in excess of 1,400 lbs without exceeding the ASTM invert offset guideline.

The Shear Guards IAPMO listing requires them to meet 100 lbs per diameter inch, 6" being 600 lbs of shear force it must pass. Indiana Seal has tested some of these couplings in excess of 1,400 lbs without exceeding the IAPMO invert offset guideline.

Indiana Seal is the exclusive manufacturer and distributor of Shear Guard®