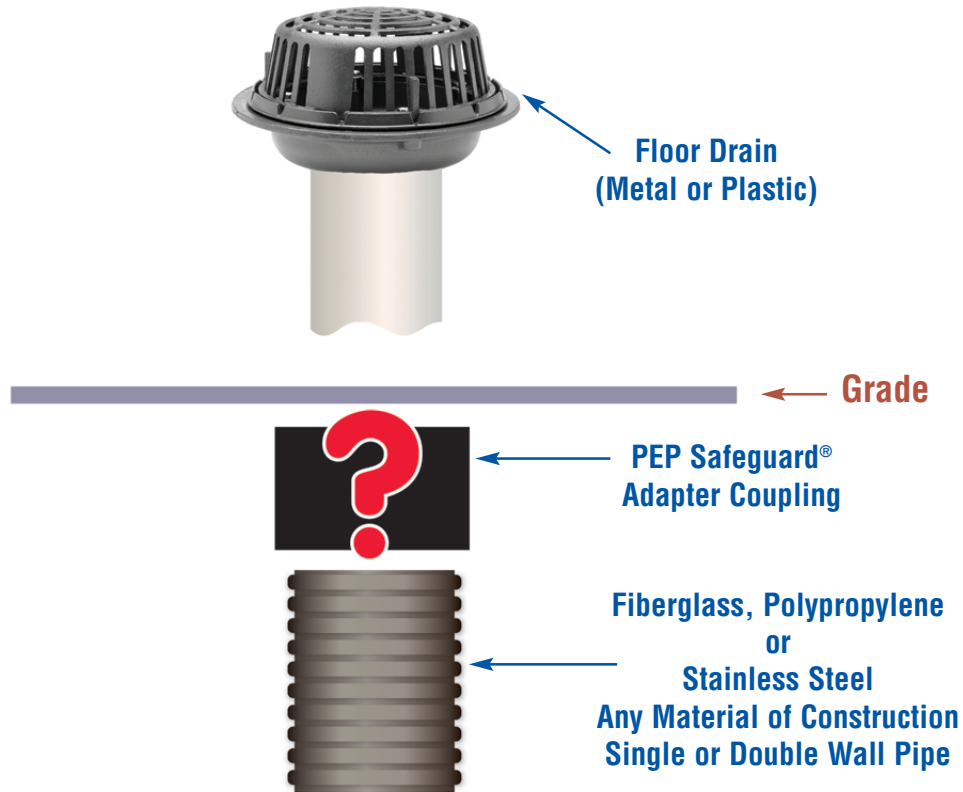


Finding It Hard To Adapt?



P.E.P. Has The Solution

P.E.P.'s engineering department has answered a question commonly asked by contractors and engineering firms. "The specified piping system is constructed of a dissimilar material than the floor drains. How do we join the two while maintaining system integrity?"

P.E.P.'s Safeguard Adapters now make it possible to join nearly any combination of metal or plastic quickly and effectively. Safeguard Connectors can be field installed or shop assembled for ease of field installation.

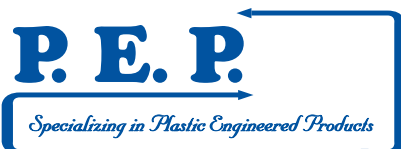
Safeguard Drain Connectors – Patented joining method connects all types of plastic, metal, cast iron, fiberglass, stainless, and steel drains to any single or double wall piping systems. Safeguard eliminates the use of rubber couplings and adjustable clamps that are designed only for temporary connections. Do you want your most

critical joint held together with a piece of rubber or PVC material? Rubber and PVC are used primarily for water and light duty service (home plumbing, etc...). Industrial Pharmaceutical and Research Labs require this critical connection to be as corrosion resistant as the entire piping system.

Local, State, and International codes require that the floor drain to pipe connection be of equal or better chemical resistance than the piping system. Safeguard adapters meet and exceed this strict criteria. In fact, we rate our floor drain adapter for 25 PSI.

P.E.P. also offers a complete line of plastic, fiberglass and stainless steel floor drains in single and double containment configurations.

All Drains are available with an optional Drain-Net® disposable strainer assembly.



50 Tannery Road ■ Bldg 3 ■ Readington Industrial Center
Branchburg, New Jersey 08876
908-534-6111 ■ 800-407-3726 ■ Fax: 908-534-5287
E-mail: pep@pep-plastic.com ■ Website: www.pep-plastic.com

P.E.P. Floor Drains and Safeguard Floor Drain Adapters Standard Specifications

1.0 Scope

1.1 This specification covers requirements for machine made (filament-wound) P.E.P. Floor Drains and P-Traps, 3” to 12”, for use in draining of fluid transportation systems in chemical media ranging from water to a broad base of corrosive chemical environments

2.0 Service Rating

2.1 Continuous temperature service from -50°F to 250°F for fiberglass drains. Stainless Steel drains are available for applications requiring high temperature applications

3.0 Materials/Methods of Construction

3.1 Corrosive barrier liner: Floor Drain inner corrosion barrier shall be minimum 60-mil standard. Nexus reinforced corrosion barrier of premium Epoxy, Vinyl Ester, or Furan resin. Approved Epoxy resins include DOW 331, Ciba-Geigy 6010, and Shell 828. Approved Vinyl Ester resins include DOW Derakane 411, 441-400, 470, and 510 series. Qua-Corr is an approved supplier of Furan resin. Stainless drains must be 316 Stainless Steel. Polypropylene and PVC are also available.

3.2 Cage Construction: Filament-wound cage constructed with alternating layers of E-glass strand and glass cloth, saturated with aromatic armine cured Epoxy resin, oven post-cured at 250°F. Exterior layer of floor drain to form corrosive/impact/UV light resistant barrier and includes custom colors for line designation.

3.3 Flange Construction – “Fiber Forged” from high performance composite.

3.4 Optional Strainer Basket Materials:

FRP – Standard

Polypropylene – Optional

316 Stainless Steel – Optional

3.5 Provide all new drains with a Drain-Net® disposable strainer assembly

4.0 Design

4.1 Cement socket floor drains shall have reinforced socket conforming to standard P.E.P. pipe OD dimensions.

5.0 Testing

5.1 Every (100%) floor drain shall be subject to

- 1) Resin reactivity and Barcol
- 2) Batch traceability
- 3) Corrosion barrier thickness compliance
- 4) Cage construction compliance
- 5) Oven post cure monitoring
- 6) Heat shock from 250°F to 40°F
- 7) Metal drains must meet all applicable plumbing codes.

6.0 Availability

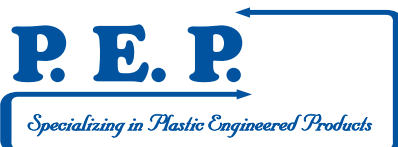
6.1 Availability: Floor drains meeting these specifications are available from

Plastic Engineered Products Inc. located at
50 Tannery Road
Unit #3
Branchburg, NJ 08876

(800) 407-3726

6.2 Adapting to dissimilar materials:

All piping systems, single and double wall, must provide a corrosion resistant pressure rated joint regardless of material construction. Rubber, PVC, and other material requiring mechanical joints with limited or no pressure ratings will not be accepted. All floor drain adapters must be designed to withstand a pressure test of 25 PSI. All adapter joints must also be as corrosion resistant as the specified piping and drain system. For additional information, please contact Plastic Engineered Products at (800) 407-3726 or on our website at www.pep-plastic.com



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