

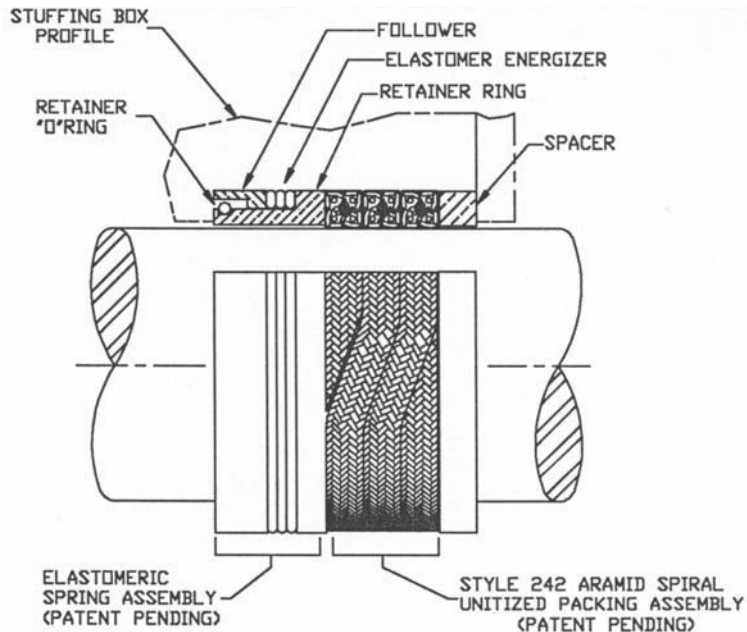


**UTEX INDUSTRIES, INC.**  
Taking Sealing Technology Beyond Tomorrow  
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# PRODUCT BULLETIN

UPB 43 03-01-90

## Elastomeric Spring Assembly/Style 242 Spiral Unitized Assembly



Utex has developed a new elastomeric spring assembly to meet the increased load requirements of braided packing assemblies. The assembly is especially effective when used in conjunction with our pressure-formed Style 242 Aramid Spiral Unitized Packing. The result is a unitized packing set that is easily installed, maintained and inventoried.

The elastomeric spring assembly utilizes three (3) 70 durometer Shore "A" o-rings which act as springs to force the retainer ring against the packing rings.

Depending on the temperature and chemical environment, either HTCR™, Aflas® or Nitrile o-rings will be provided. All o-rings used are standard 568 series, which are readily available. The high load and high spring rate offered by the elastomeric spring assembly insures a more effective seal than is available with a standard coil spring. The elastomeric spring assembly can also be used with conventional molded packing assemblies.

### Benefits:

- Higher spring rates
- Higher loads  
(over 200psi vs. 30-60psi for a coil spring)
- Inexpensive to repair
- Easily installed
- Non-clogging
- Easy to inventory
- Requires minimum amount of space
- Retards cavitation

### Applications:

- Reciprocating plunger pumps
- Centrifugal pumps
- Rotary pumps and equipment
- Valves
- Other stuffing box applications

HTCR™ is a Tradename of Utex Industries, Inc.  
Aflas® is a Registered Tradename of Asahi Glass Co., Ltd.