APPLICATIONS

- **Typical Uses**
  - Joining and restraining plain-end PVC pipe ends to flanged pipe, fittings, valves, meters, or other flanged equipment

- **Standard Pipe Size**
  - DI sized 3” - 36” nominal
  - IPS sized 3” - 12” nominal

- **Type of Pipe**
  - PVC

- **Working Pressure** *(see options for higher working pressure design)*
  - 3” – 12” nominal pipe size = 175 psi
  - 14” – 30” nominal pipe size = 150 psi
  - 36” nominal pipe size = 125 psi

MATERIALS

- **Sleeve Weldment**
  - See 923 specification document

- **Restraint**
  - See 120 specification document

- **Gasket**
  - Styrene Butadiene Rubber (SBR) per ASTM D2000
  - Compounded to resist water, oil, natural gas, acids, alkalis, most (aliphatic) hydrocarbon fluids, and many other chemicals
  - Temperature range: -20°F to +180°F
  - Permanently marked with part number and pipe size range for proper selection
  - Sized in accordance with AWWA C111/A21.11

- **T-Bolt**
  - HSLA Carbon Steel per AWWA C111/A21.11
  - 3/4” – 10 UNC
  - Rolled threads for improved physical characteristics, greater thread accuracy, and smooth surface finish
SPECIFICATION
FLANGE-LOCK™ RESTRAINED FCA
MODEL 920

Nut
- HSLA Carbon Steel per AWWA C111/A21.11
- 3/4” – 10 UNC, Heavy Hex Semi-Finished

LISTINGS
- Certified to NSF/ANSI 61 and NSF/ANSI 372
- Meets applicable portions of AWWA C219
- Flexi-Coat® Fusion-Bonded Epoxy Coating meets requirements of AWWA C213

OPTIONS
- Other materials of construction (e.g. 304SS, 316SS, etc.)
- Type 304 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Type 316 Stainless Steel hardware with fluoropolymer coated nuts to prevent galling
- Multi-Seal Gasket 4” - 12”
- Alternative gasket material (e.g. Buna-N, EPDM, etc.)
- Anode Connector
- Pipe stop incorporated into sleeve
- Custom sleeve length and thickness
- High pressure flange types
- Any industry standard flange

NOTES
- These product specifications were correct at the time of publication and are subject to change without notice
- Flexi-Coat® is a registered trademark of Smith-Blair Inc.
- Flange-Lock™ is a trademark of Smith-Blair Inc.
- See the Smith-Blair web site for part numbers and ordering information
- See the Smith-Blair web site for warranty information
- See the Smith-Blair web site for corrosion notice
NOTES:
1. SEE SMITH-BLAIR CATALOG FOR ADDITIONAL DETAILS
2. 6" FCA SHOWN OTHER SIZES SIMILAR
4. SEE MODEL 923 AND 120 SPECIFICATIONS FOR ADDITIONAL DETAILS