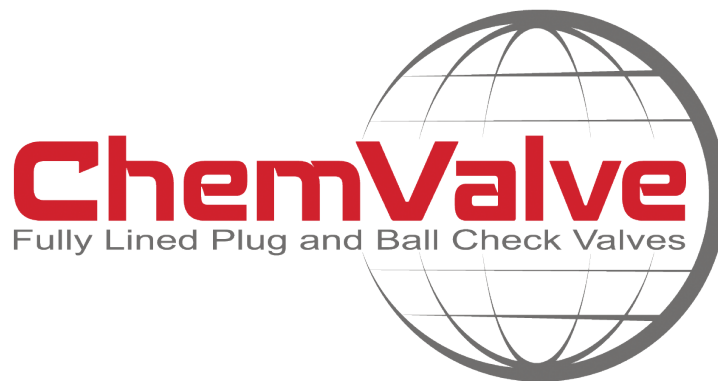


# 790EB R-Series



## Tank Car Valves

### Proven Design and Quality

- Registered Tank Car Facility since 1996
- Certified C4m Facility (M-1003) since May 2020
- Over 30 years of superior performance and reliability
- Supports a wide range of applications and fluids

### Specifications

- Sizes: 1" to 4"
- Liner Options: PPL, PVDF, PFA or GRPFA
- Available Raised Face and Full-Face Flanges
- Ductile Iron and 316SS components available with anti-corrosion coating and paint

### Low Operating Torque and Anti-Freezing Design

- 4° taper plug, vs. 2° standard, is more resistant to freezing
- The plug-face contacts only the seat, vs. the entire liner, resulting in lower operating torque (more than 50% less torque than competitors)



Approved by:





# ChemValve

Fully Lined Plug and Ball Check Valves

## VALVE CUSTOMIZATIONS

- Prep for Chlorine Service
- Tagging
- Epoxy paint, custom colors and coatings
- Seat Notching
- Gear Operators
- Test/Certifications
- Anti-Corrosion Coating
- Special Materials for Fasteners

## SERVING INDUSTRY LEADERS FOR 30+ YEARS

With over 30 years of experience manufacturing custom flow solutions in a diverse range of applications, our installation base has grown to include industry leaders across a wide variety of markets. We thank those customers who have chosen ChemValve to provide them with fully lined valves over all these years. As a leader in the valve industry, we continue to pursue our goal of providing high performance solutions and excellent customer service.

## VALVE LINERS

### PPL - Polypropylene

- Excellent corrosion resistance in ambient temperature applications
- AAR approved for 37% HCl tank cars and also used in waste-water treatment facilities
- Max service temperature: 225°F

### PVDF - KYNAR®

- Excellent chemical resistance, thermal stability and erosion resistance
- Applications include chlorine/halogen and brine
- Max service temperature: 275°F

### PFA - Perfluoroalkoxy Alkane

- Excellent chemical resistance in high temperature applications
- Commonly found in dilution stations for sulfuric acid
- Max service temperature: 400°F

### GRPFA - Glass Reinforced PFA

- Excellent abrasion and temperature resistance
- Best liner choice for high temperature slurry applications containing solids (sand, glass)
- Max service temperature: 400°F



Manufactured in  
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