

# BULLETLINER SYSTEM® Trenchless Rehabilitation



BulletLiner System® H-Series is a AWWA Class III semi-structural liner for the trenchless rehabilitation of high temperature pressure pipelines, resisting temperatures up to 230° F. It works independently from the host pipe or in conjunction with the host pipe dependent up-on the specific project design parameters and pressure requirements. The flexibility of the liner allows it to be pulled through 45-degree bends at up to 1,312-feet per hour via two excavation pits where it's connected to the host pipe with corrosion-protected trenchless termination fittings. NSF 61 certified.

- Close-fit design provides renewal with minimal restriction of internal diameter.
- 5-year material warranty; 50-year design life.



## H-Series Flexible Fabric Reinforced Pipe (FFRP) for the Trenchless Rehabilitation of High Temperature Pressure Pipes

### Technical Specifications (OD Project Specific)

| Nominal Host Pipe ID (inches) | Independent Operating Pressure (PSI) | BulletLiner System® Wall Thickness (inches) | Tensile Strength (tons) | Weight (lbs./foot) |
|-------------------------------|--------------------------------------|---|-------------------------|--------------------|
| 2                             | 305                                  | 0.15  | 9                       | 1.4                |
| 2.5                           | 305                                  | 0.18  | 11                      | 1.7                |
| 3                             | 305                                  | 0.15  | 13                      | 2.4                |
| 4                             | 305                                  | 0.24  | 19                      | 4.0                |
| 5                             | 203                                  | 0.24  | 22                      | 4.4                |
| 6                             | 203                                  | 0.24  | 29                      | 5.1                |
| 10                            | 145                                  | 0.24  | 58                      | 8.3                |
| 12                            | 145                                  | 0.24  | 108                     | 12.0               |
| 14                            | 145                                  | 0.28  | 108                     | 13.9               |
| 16                            | 145                                  | 0.26  | 83                      | 14.0               |
| 16*                           | 232                                  | 0.26  | 118                     | 14.0               |
| 18                            | 232                                  | 0.26  | 131                     | 17.0               |
| 20                            | 145                                  | 0.26  | 129                     | 20.1               |
| 20*                           | 232                                  | 0.28  | 142                     | 20.1               |
| 24                            | 87                                   | 0.35  | 168                     | 23.6               |
| 28                            | 87                                   | 0.35  | 199                     | 30.1               |
| 30                            | 145                                  | 0.35  | 215                     | 31.4               |
| 32                            | 87                                   | 0.35  | 234                     | 33.5               |
| 32*                           | 145                                  | 0.35  | 234                     | 33.0               |

\*Indicate higher pressure manufactured using Kevlar Weft.

