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Betts	***ENGINEERING BULLETIN***	**EB-05-25** (Form: DEF-003A-1)
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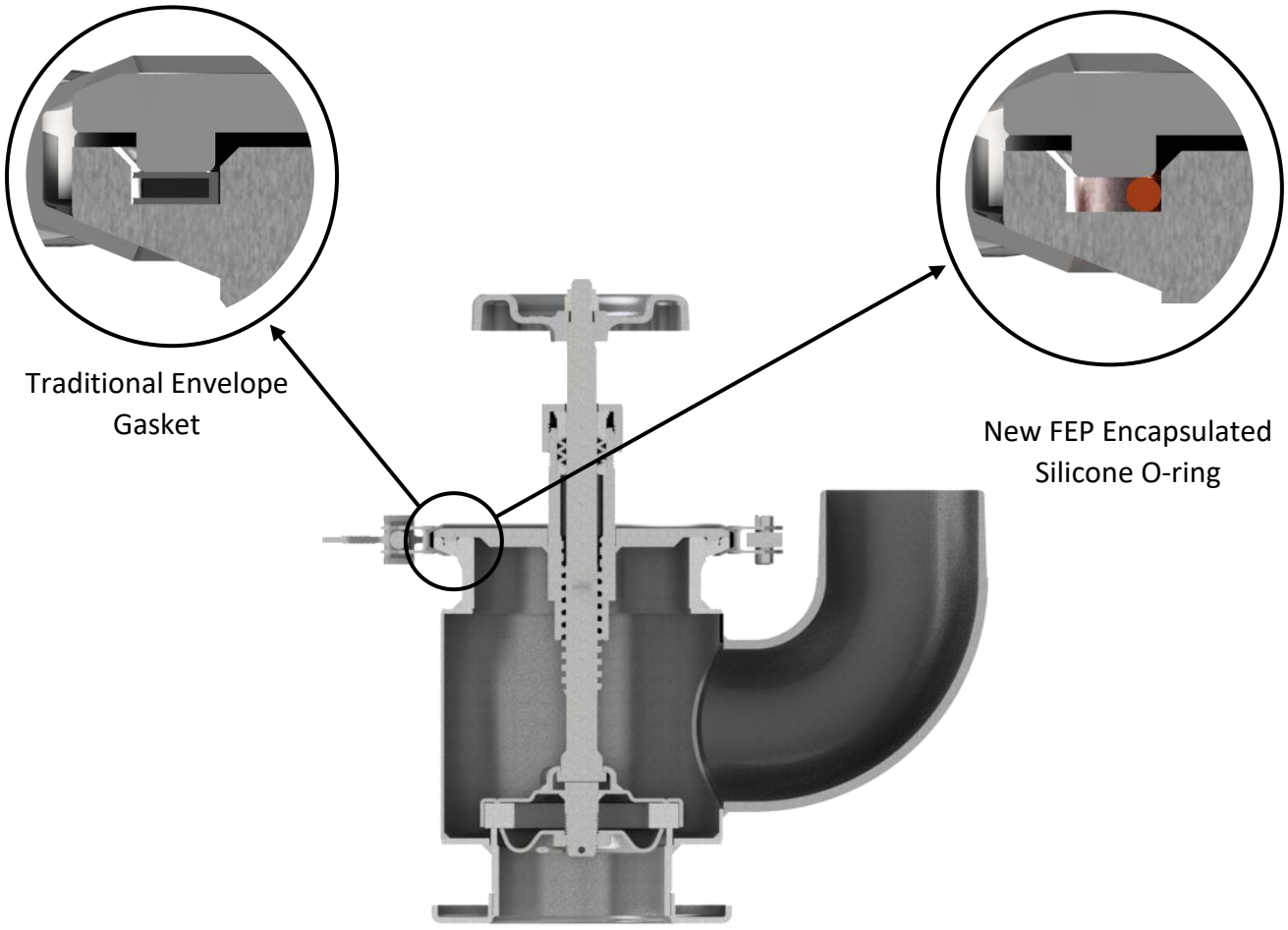
	New Tophead O-ring Seal on 3" & 4" Hydrolet Valves	Page: **1 of 1**

Original release date: 6/13/25

Description of Bulletin: This bulletin provides information regarding a design enhancement of the seal for the 3 & 4" Hydrolet Tophead Assembly.

Bulletin Details: The seal for the 3 & 4" Hydrolet has been improved by replacing the traditional PTFE envelope gasket with a FEP encapsulated silicone O-ring. The O-ring reduces the amount of torque required by the clamp ring nut to achieve a leak tight joint and compensates for flange distortion better than the envelope gasket. In all cases of testing, the O-ring has outperformed the envelope gasket. The new O-ring utilizes the same groove; therefore, the O-ring can be installed on existing valve bodies. To ensure a positive seal, verify the sealing groove and face of the tophead assembly is free of wear, corrosion, product residue or damage.

	Traditional Envelope Gasket	New FEP Encapsulated O-ring
3" Tophead	15905TF	15905T**S**
4" Tophead	15977TF	15977T**S**