



ENVIRONMENTAL TECHNOLOGY

FDA compliant elastomer increases reliability

AES-Elast™ has found success in the Food & Beverage industries not just because of its FDA compliance but also because of its wide chemical compatibility and its hot water and steam performance.

This has enabled users to successfully replace multiple O-ring grades with AES-Elast™. While Viton® suits most normal operating process conditions it suffers during high temperature water CIP (Clean in Place) and SIP (Steam in Place) cleaning cycles.

When EPR has been used for better resilience in cleaning operations it is not often compatible with fat contents used in some food processing applications. Even with FDA compliant grades of Viton® and EPR, both selections lead to reduced seal reliability and increased failure rates. The wide compatibility range and resistance of AES-Elast™ against steam and hot water in CIP/SIP cleaning processes means it can stand up to these varied process conditions and improve reliability while being FDA compliant for the industry.



‘Excellent hot water and steam performance’

Industry: Food & Beverage
Product: AES-Elast™
Application: Food Processing
Reference N.O: CS0215



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