

Teflon® PTFE is a synthetic polymer containing carbon and fluorine called polytetrafluoroethylene and is the most chemically-resistant of all plastics while retaining excellent thermal and electrical insulation properties. Teflon® PTFE also has a low coefficient of friction so is ideal for many low torque applications. This material is non-contaminating and accepted by the FDA for use in food services.

Teflon® PTFE is chosen by SVF as it exhibits properties that are ideal for ball valves in high purity applications and complies with FDA and 3A requirements:

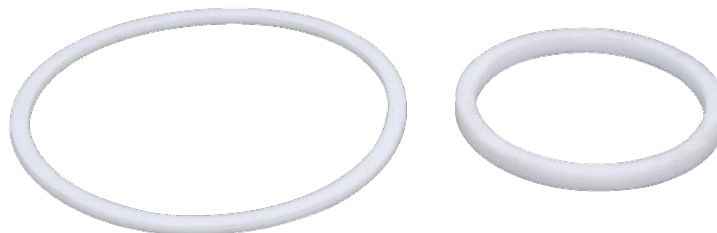
Product Name	Plastic Type	FDA Approved
<i>Teflon®</i>	PTFE Polytetrafluoroethylene	YES

FDA-21 CFR 177.1550 direct contact with meat or poultry food products prepared under FDA inspection.

USP23, biological test for plastics / Class VI

Properties of Teflon® PTFE:

- Non-aging characteristics
- Toughness and flexibility
- Low coefficient of friction
- Non-stick characteristics
- Excellent weather resistance
- Moderate stiffness and high ultimate elongation



Visit our website, [www.SVF.net](http://www.SVF.net) for more information on our Hygienic “CleanFlow” Valves.