

# NEWMAN

## Sanitary Gasket Company

Products of integrity...from people of integrity.

SILVERBACK™

- Superior blend of PTFE and 316 stainless steel fibers
- Excellent chemical resistance
- Non-stick surfaces
- U.S. Pharmacopoeia Class VI
- FDA certified



[www.newmangasket.com](http://www.newmangasket.com)



# SILVERBACK™

## The PTFE and Stainless Steel Gasket

Newman Sanitary Gasket Company announces the introduction of their new PTFE and stainless steel gasket product line SILVERBACK™. This special blend of 50/50, PTFE and 316L passivated stainless steel has been tested and proven to add stability and longevity to your process piping systems. These new components are especially useful in S.I.P. systems preventing downtime and lowering maintenance needs.



### SILVERBACK™ is the strongest compound on the market today.

SILVERBACK™ easily outperforms standard gaskets made with Teflon® under even the most demanding pharmaceutical applications. In fact, SILVERBACK™ lasts up to five times longer in most applications.

### Prevents System Downtime

The unparalleled strength of SILVERBACK™ eliminates maintenance needs and helps prevent system downtime by eliminating cold flow creep. This makes SILVERBACK™ ideal for sanitary steam pipe connections in both extreme cold (down to -20°F) and hot conditions (up to 450°F). SILVERBACK™ gaskets are available in a variety of sanitary standard sizes, from 1/2" to 6" diameter, to service virtually any S.I.P. application.

PROPERTY	ASTM METHOD	VALUE
Specific Gravity	D792	3.30
Tensile Strength	D4894	2791psi
Elongation @ Break	D4894	207%
Compressive Stress @ 1%	D695	832
Compressive Stress @ 5%	D695	2590
Hardness	D2240	68
Temperature Low	Continuous	-20° F
Temperature High	Continuous	450° F

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### Newman's SILVERBACK™ is tough under S.I.P. conditions:

- Superior creep resistance
- Minimal thermal expansion
- Excellent chemical resistance
- No pigmentation
- Passivated to eliminate rouging
- Stops leaks when torqued correctly (50 in./lbs.)
- No gasket extrusion into the sanitary tube I.D.
- No obstruction of flow
- Non-stick surfaces
- Excellent expansion and contraction stability
- I.D. Pharmaceutical finish

### Meets High Pharmaceutical Standards

- U.S. Pharmacopoeia Class VI
- Cytotoxicity Criteria
- FDA Code of Federal Regulations Title 21 CFR 177.2600
- USDA and 3-A Sanitary Standards
- ASME-BPE Standards

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