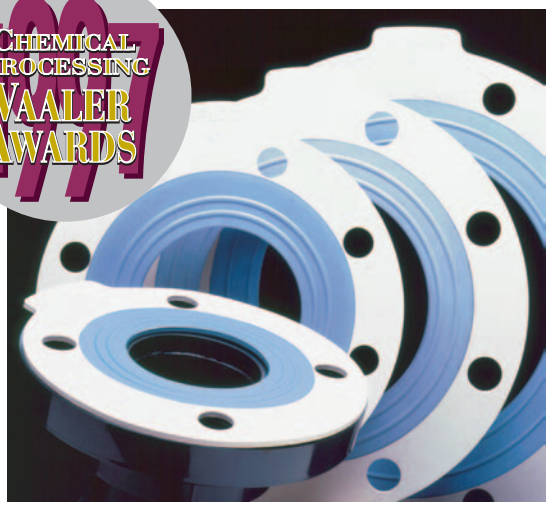
STRESS SAVER®

Plant Engineering PRODUCT of the YEAR 1996

Chemical Processing VAALER AWARDS 1997



Benefits

Tighter seal

- Raised, molded-in sealing rings seal with 75% less surface area for high performance in non-metallic flanges†

STRESS SAVER® Style 370

Chemical resistance

- Pure PTFE sealing surface resists many chemicals

High purity

- Contaminant-free EPDM is ideal for pure service—electronics,* pharmaceutical and food industries**
- Proprietary process bonds PTFE to elastomer, won't delaminate or leach
- Special packaging for high-purity applications

Typical Physical Properties

STRESS SAVER®		Style 370	Style 6800	XP
Construction		100% Pure PTFE bonded to EPDM	EPDM only (65 durometer)	Proprietary blend of fluoroelastomers (70 durometer)
Color		PTFE: Sky blue	EPDM: Off-white	Black
Temperature	Max.	+300°F (+150°C)	+300°F (+150°C)	+400°F (+204°C)
	Min.	-40°F (-40°C)	-40°F (-40°C)	-15°F (-26°C)
Pressure, max	psig	250	250	250
	(bar)	(17)	(17)	(17)
P x T, max.	(psig x °F)	50,000	50,000	50,000
	(bar x °C)	(1717)	(1717)	(1717)

Questions? Call Gasket Applications Engineering at 1-800-448-6688.

STRESS SAVER® Style 6800

Economical

- More economical gasket where a PTFE envelope is not required.

STRESS SAVER® XP

Tighter seal

- Lower seating stress than expanded or specialty PTFE gaskets; ideal for nonmetallic flanges

Chemical resistance

- High-performance fluoroelastomer has greater resistance to severe chemicals than standard fluoroelastomers

Outperforms PTFE envelope gaskets

- Won't fail due to filler attack
- Eliminates envelope foldover during installation

Media

Style 370: Acids, caustics, gases, water, hydrocarbons

Style 6800: Water, very mild acids and caustics

Style XP: Water, steam, most hydrocarbons, gases, solvents, acids, and alcohol

† Flat face flanges strongly recommended.

* Tested by BALASZ Labs for trace metal extractables, Anions, Cations and T.O.C.s. Results available on request.

** Consult Garlock Applications Engineering for FDA information.

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