

# CHAMPION SALES & MANUFACTURING, INC.

Certification Provided To:  
Purchase Order #:  
Certification #:  
Certification Issued by:  
Special Notes:

## **\*\*TYTON<sup>R</sup> & \*\*PUSH ON TRANSITION GASKETS: \*\*\*FLUOROELASTOMER (FKM)**

### **ANSI/AWWA C111/A21.11-\***

Gasket dimensions conform to the drawings set forth under above noted standard. Markings include size, gasket manufacturer's mark (*champion or csm*), country where molded, and product identification letters. Markings are not on the sealing surface.

Gasket material is vulcanized **Fluoroelastomer (FKM)\*\*\* which will be identified on all documentation and corresponding gaskets.** Gaskets are free of foreign materials, porous areas, or other defects that make them unfit for the intended use.

Gaskets are manufactured under quality control standards maintained by the manufacturer and raw materials manufacturers. Appropriate documentation is maintained by the manufacturer.

Properties of the FKM and test methods are:

Property	ASTM Test Method	Required Value Main Body	Harder Portion
Hardness, Shore "A"	D2240*	50-65	80-85
Tolerance on nominal hardness		+5	+5
Minimum Tensile	D412*	2000 psi	1200 psi
Minimum Elongation	D412*	300 %	125 %
Minimum Aging	D572*	60 %	-
Maximum Compression Set	D395, Method B*	20 %	-
Resistance to surface ozone cracking	D1149*	No cracking	-

\*Current Revision

Champion maintains a quality assurance program and manual that is reviewed and updated on an ongoing basis to ensure product quality. We require our vendors to maintain quality assurance programs and submit lab testing documentation with each shipment. In addition, Champion does in house testing and submits to random testing by Underwriters Laboratories, Inc. We are recognized under the component program of Underwriters Laboratories, Inc. ANSI/NSF Standard 61 upon request.

**\*\*Tyton and Push On Transition gasket standards are not addressed under ANSI/AWWA C111/A21.11-\*. Tyton and Push On Transition gaskets manufactured by Champion follow the guidelines and standards for Push On Transition Gaskets.**

\*\*\*Please note that Fluoroelastomer (FKM) products are often referred to as Viton, which is a trade name. We manufacture our gaskets with the generic FKM. All documents and the gasket will be marked with Fluoroelastomer (FKM), not Viton. The gaskets are special order and accordingly upon acceptance of the order, it cannot be changed, cancelled or returned. FKM gaskets shipping UPS may be insured for the actual value of the shipment. This UPS charge will be included in the freight amount billed.

**All of our products are manufactured in the USA and are marked in accordance with above noted standards. These gaskets meet the "Buy American" clause of The American Recovery and Reinvestment Act of 2009.**

MADE IN USA

P.O. BOX 1279  
Pinehurst, TX 77362  
32510 Decker Prairie Rd  
Magnolia, TX 77355

PHONE (281) 356-6162  
FAX (281) 259-8104  
E-MAIL [champion@championgaskets.com](mailto:champion@championgaskets.com)  
WEB SITE <http://www.championgaskets.com>