

CHAMPION SALES & MANUFACTURING, INC.

Certification Provided To:
Attn:
Quote/Purchase Order #:
Certification #:
Certification Issued by:
Special Notes:

STANDARD MECHANICAL JOINT & **TRANSITION GASKETS: NITRILE

ANSI/AWWA C111/A21.11-*

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

Gasket material is vulcanized **NITRILE (also referred to as NBR and Buna – N)**. This compound is not the standard material and has been requested by the purchaser. 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 Nitrile rubber and test methods are:

Property	ASTM Test Method	Required Value
Hardness, Shore "A"	D2240*	75 (+-5)
Minimum Tensile	D412*	1500 psi (10MPa)
Minimum Elongation	D412*	150 %
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 61-372.

**Transition gasket standards are not addressed under the ANSI/AWWA C111/A21.11-*. Transition gaskets manufactured by Champion follow the guidelines and standards for Standard Mechanical Joint Gaskets.

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
WEB SITE <http://www.championgaskets.com>