



PRESS-SEAL CORPORATION

Providing products and services that protect our planet's clean water supply

Year: 2021

CERTIFICATE OF COMPLIANCE

This is to certify that the NITRILE Rubber Gaskets and Flexible Connectors manufactured by Press-Seal Corporation, 2424 W. State Boulevard, Fort Wayne, Indiana, are manufactured in the United States of America using North American, and globally sourced components and meet or exceed the Specification requirements of ASTM F 477 for Oil-Resistant Gaskets, per Table 3.

This certification does not guarantee any field application or testing performance criteria. These criteria are controlled by product dimensions and tolerances, as well as field installation conditions and techniques, which are outside the control of the manufacturer.

Test	ASTM test Method	Test Requirements	Typical Results
TENSILE STRENGTH	D 412	1200 psi MIN.	1646 PSI
ELONGATION AT BREAK	D 412	325% MIN.	632 %
HARDNESS	D 2240 (SHORE A DUROMETER)	+/- 5 FROM MANUFACTURER'S SPECIFIED HARDNESS	55.9
LOW TEMPERATURE HARDNESS	D 2240 (SHORE A DUROMETER)	MAXIMUM INCREASE, 15 PTS	+2.8
COMPRESSION SET	D 395, METHOD B @ 70 C FOR 22 HRS	25% DECREASE MAX. OF ORIGINAL DEFLECTION	24 %
OZONE RESISTANCE	D 1149, 50 PPHM	NO CRACKS	PASS
OVEN-AGED TENSILE REDUCTION	D 573, 70 +/- 1 DEGREE C FOR 96 HOURS	DECREASE OF 15% MAX. OF ORIGINAL	- 1.5 %
OVEN-AGED ELONGATION REDUCTION	D 573, 70 +/- 1 DEGREE C FOR 96 HOURS	DECREASE OF 20% MAX. OF ORIGINAL	-7.1 %
OVEN-AGED HARDNESS	D 2240 (SHORE A DUROMETER)	MAXIMUM CHANGE, 8 PTS	+3.2
WATER ABSORPTION	D 471 IMMERSE IN DISTILLED WATER @ 70 C FOR 48 HRS	CHANGE IN VOLUME MAX., 10%	9.5 %
OIL RESISTANCE	D 471 IRM 903 OIL @ 100 C FOR 70 HRS	CHANGE IN VOLUME MAX., 50%	-10.4 %

Sincerely,
PRESS-SEAL CORPORATION

Brad Carpenter
Quality Manager