

TRANSTEC® PAN GASKETS QUALITY PROVEN

TEST RESULTS SHOW THAT TRANSTEC® GASKETS **RANK #1**
IN QUALITY AND DEPENDABILITY.
CHOOSE TRANSTEC® GASKETS EVERY TIME.



NOT ALL GASKETS ARE THE SAME

The quality and performance of any gasket depends on the manufacturing process and the product components. TransTec® pan gaskets have got you covered, and to prove it, we put our pan gaskets to the test! Our certified



Product Technician performed a series of experiments to test our gaskets' capabilities. We think you'll find the results are just what you'd expect from a TransTec® gasket; a reliable, dependable, top quality product in every test. Evaluations were conducted in

the Freudenberg NOK R&D Lab in Milan, Ohio, and compared the TransTec® pan gasket material to competitor samples. In each instance, TransTec® pan gaskets rated top performer. The gaskets were tested for swelling resistance, torque retention, and pressure leakage. Read on to learn more about the testing and results. Since seeing is believing, we invite you to scan this code with your smart device and watch along as Tim preforms each test. See for yourself why TransTec® ranks #1.



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TESTING RESULTS

TEST 1

SATURATION SWELLING



In the first test, Tim measures the percentage of gasket swell for each sample after the material is placed in a transmission fluid bath and heated in an oven at 250° F for 15 hrs. The TransTec® sample shows the least amount of swelling at 7.53%.

SUPPLIER	AVG BEFORE SATURATION	AVG AFTER SATURATION	AVG % OF SWELL
TransTec®	.093"	.100"	7.53%
Comp A	.080"	.092"	15%
Comp B	.094"	.105"	11.70%

TEST 2

TORQUE RETENTION



In test 2, Tim measures the percentage of torque loss when each pan gasket sample is torqued to 80 in/lbs then submerged in fluid, and placed in an oven at 250° F for 15 hrs. The TransTec® sample measures only a 22.5% loss.

SUPPLIER	INITIAL TORQUE	TORQUE AFTER SATURATION	% OF TORQUE LOSS
TransTec®	80 in/lbs	62 in/lbs	22.50%
Comp A	80 in/lbs	30 in/lbs	62.50%
Comp B	80 in/lbs	45 in/lbs	43.75%

TEST 3

PRESSURE LOSS



In the final test, the pan gasket is checked for any leakage when it is torqued to the manufacturer's specifications, heat cycled and then pressurized to 6 psi. (In a real world environment the pan gasket does not see anything more than residual pressure. However, for testing purposes, we pressurized the gaskets to amplify any leak potential.)

The TransTec® gasket had no signs of leaking, while the competitors showed a slight amount of leakage.