

<b>TEST REPORT</b>	<b>PRODUCT:</b> 7744♦
NISSAN NES M 8506 – 2008 CLASS 1 (Interior)	<b>TEST SUBSTRATE:</b> Stainless Steel
DOCUMENT TITLE: Pressure-Sensitive Adhesive Double-Coated Tapes for Automobiles	<b>REPORT DATE:</b> 06/26/23

DIVISION	TEST ITEMS ❶	REQT	RESULTS	STATUS
GENERAL PROPERTIES	<b>5.8 STORAGE STABILITY</b>			
	APPEARANCE	Free... (1)	Free... (1)	PASS
	PEEL STRENGTH [168H @ 40°C]	>4.9 N/25mm	35.8 N/25mm [AF]	PASS
	SHEAR STRENGTH [168H @ 40°C]	> 98 kPa	165 kPa	PASS
WORK-ABILITIES	<b>5.9 RE-ADHESION</b>			
	Primary Peel (30 S)	Interfacial Failure (2)	AF	PASS
	Secondary Peel (10 H)	>60% of Orig.	31.5 N/25mm [AF]	PASS
PHYSICAL PROPERTIES	<b>5.11 ADHESIVE STRENGTH IMMEDIATELY AFTER AFFIXING</b>			
	5°C X 30 SEC	2.9 N/25mm	22.4 N/25mm [AF]	PASS
	23°C X 30 SEC	Report	24.0 N/25mm [AF]	REPORT
	<b>5.12 ROOM TEMP ADH. PERFORMANCE [23°C]</b>			
	PEEL STRENGTH	>4.9 N/25mm	32.8 N/25mm [CF]	PASS
	SHEAR STRENGTH	> 98 kPa	179 kPa	PASS
	SHEAR HOLDING FORCE [HR] 0.2 KG	Report	168 Hours +	PASS
	<b>5.13 HIGH TEMP ADH. PERFORMANCE [90°C]</b>			
	PEEL STRENGTH	>1.47 N/25mm	7.1 N/25mm [MF]	PASS
	SHEAR STRENGTH	>1.47 kPa	83.4 kPa	PASS
	SHEAR HOLDING FORCE [HR] 0.1 KG	Report	24 Hours +	REPORT
ENDURANCE CAPABILITY	<b>5.17 HEAT AGING (90°C X 168H)</b>			
	PEEL STRENGTH	>90% of Orig.	35.8 N/25mm [CF]	PASS
	SHEAR STRENGTH	>90% of Orig.	176 kPa	PASS
	<b>5.18 HUMIDITY RESISTANCE</b>			
	PEEL STRENGTH	>60% of Orig.	30.2 N/25mm [CF]	PASS
	SHEAR STRENGTH	>60% of Orig.	165 kPa	PASS

+ = Static Shear in Hours – No Failure (Testing Discontinued)

♦ Transfer (unsupported)

adhesive

- (1) Shall be uniformly wound and free from significant deformations and cavities while both side faces shall be flat.
- (2) During primary peel, the tape shall peel interfacially from the substrate.

Symbol Failure mode:
**AF** Interfacial separation of substrate and tape; **MF** Mixing of interfacial separation and tape failure; **CF** Cohesive split of tape.

❶ Products tested backed with 25 micron PET.

APPROVED:

Original Test Date: 1/25/2021  
Berry Global Technical Service Department

Conditioning and Testing per NISSAN NES M 8506 – 2008

1852 Old Country Rd Riverhead, NY 11901  
631-727-6000 • www.berryglobal.com