



Registered ISO 9001:2008

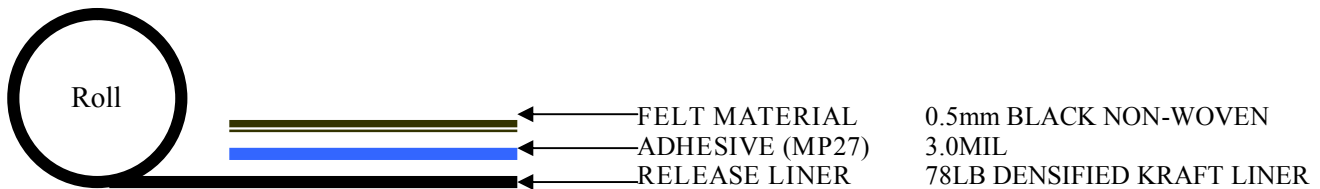
T E C H N I C A L D A T A

**BNW-5027-STD (2235sl)**  
**0.5MM BLACK NON-WOVEN FELT TAPE**

DESCRIPTION

BNW-5027-STD is a 0.5mm non-woven black felt tape designed for demanding automotive NVH applications where high adhesion and high temperature shear is required. BNW-5027-STD is coated with a heavy mass our MP27 high performance acrylic adhesive, which exhibits excellent adhesion to a wide variety of substrates and has resistance to heat, humidity, solvents and mild plasticizers. The .5mm non-woven felt meets the FMVSS302 specification. As with all high performance applications, it is imperative that each application be thoroughly evaluated prior to use.

TAPE CONSTRUCTION



TYPICAL ADHESIVE PERFORMANCE DATA

PEEL ADHESION (PSTC-101)

Substrate: PP	IMM APPLIED (oz./in.)	35-55
Substrate: SS	IMM APPLIED (oz./in.)	60-80

SHEAR ADHESION (PSTC-107)

1" X 1", 1,000g, 72 DEGREES F (Hours)	24+
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MINIMUM APPLICATION TEMPERATURE 50 DEGREES F

NO LOAD APPLIED, SERVICE TEMP. RANGE

-35 TO 250 DEGREES F CONTINUOUS  
-35 TO 325 DEGREES F SHORT TERM

NOTE: Performance data indicates average production values from stainless steel and should not be used for minimum specification values. It is required that the converter determines suitability of tape prior to use.

DATE: 11/30/10 igc

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BNW-5027-STD INDUSTRIAL