A7711 Series

Black, Double-Sided, Acrylic Foam Tape for Automotive

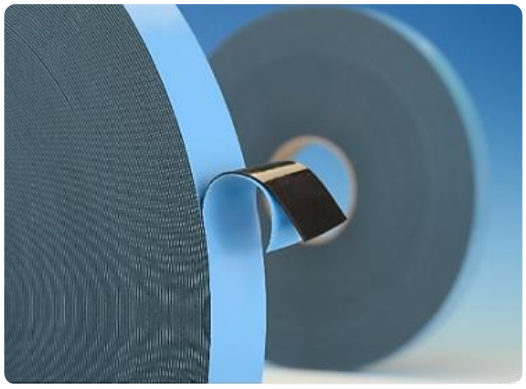
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PRODUCT DESCRIPTION

A7711 Series is a high performance black, double-sided, acrylic coated foam tape with outstanding viscoelastic, conformability and adhesion properties. A7711 is characterized by short-term adhesion build and excellent adhesion to automotive paint systems as well as Medium Surface Energy (MSE) plastics such ABS and ASA.

A7711 is specially designed to provide the following features:

- Engineered foam core for durable stress resistance
- Resistance to weathering degradation (UV and high temperature)
- Enhanced short-term adhesion build
- Excellent adhesion on a variety of automotive paint systems
- Durable performance at elevated temperature
- Shock and stress absorption
- High conformability

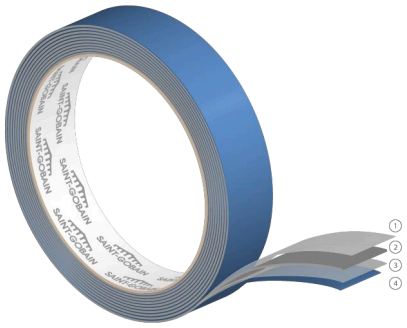


TYPICAL APPLICATIONS



- Automotive aftermarket

TAPE CONSTRUCTION



Merely illustrative image

Adhesive	Acrylic adhesive
Core	Acrylic foam core
Liner	Easy release Liner

AVAILABLE SIZES

Standard thickness	Master roll size
1.1mm	**800mm x 33m, 66m**

A7711 SERIES – TEST DATA

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Property	Substrate / conditions	Unit	Value
Thickness without liner	–	mm	1.1
90° Peel Adhesion[1] – Automotive Painted Panel			
20 min. Dwell	Automotive Painted Panel	N/cm	29.48

Property	Substrate / conditions	Unit	Value
72 hour Dwell	Automotive Painted Panel	N/cm	33.97
Accelerated Aging	Automotive Painted Panel	N/cm	82.01
90° Peel Adhesion[1]			
72 hour Dwell	ABS	N/cm	48.61
72 hour Dwell	Stainless Steel	N/cm	39.57
Static Shear[2]	Painted Panel (80°C)	7 days/500g	Pass and exceeds
Service Temperature	–	–	(- 35°C a 93°C)
Weathering and UV resistance	–	–	High

IMPORTANT INSTRUCTIONS

- Because every potential application cannot be anticipated or controlled, testing of this product under individual application conditions prior to commercial use is strongly recommended;
- Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface;
- Apply a uniform pressure of 15 psi (103 kPa) to promote good contact between the material to be bonded and the tape. The Application temperature should be between 16°C to 52°C (60°F and 125°F). It is not recommended to apply these tapes at temperatures below 16°C (60°F);
- The adhesion between the substrate and the tape increases with time, typically reaching final bond strength in 72 hours;
- Heating the product above 40°C (105°F) will accelerate the adhesion process.

SHELF LIFE

24 months from date of sale when stored in original packaging at 21°C (70°F) and 50% relative humidity

The data and details in this document were correct and up-to-date at the time of printing and are intended to provide information on these products and their possible applications. It is the user's responsibility to obtain the latest version of the product data sheet. This data sheet is not a specification and does not assure specific product characteristics or make reference to the suitability of the product for a specific application. Because every application cannot be anticipated or controlled, testing of this product under individual application conditions is strongly recommended. The application, use and conversion of this product are the user's responsibility.

Limited warranty: No warranty is given beyond freedom from defects in manufacturing for a period of 6 months from the date of first sale. The only obligation will be to provide replacement product for any portion proving defective, or to refund the purchase price thereof. The user assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s).

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