

Product Data

FASSON® FoamTac II/AP104/BG40#WH

FACESTOCK

A white co-extruded film, consisting of an expanded polystyrene layer with a gloss clear high-impact polystyrene printable skin.

Basis Weight: 54 g/m² ± 10% ISO536
Caliper: 0.165 mm ± 10% ISO534

ADHESIVE

A general purpose permanent, acrylic based adhesive.

LINER

A super calendared white glassine paper with excellent roll label converting properties.

Basis Weight: 61 g/m² ± 10% ISO536
Caliper: 0.055mm ± 10% ISO534

TYPICAL PERFORMANCE DATA (N/25mm)

Loop Tack (st,st)-FTM 9: 14.0 or Tear
20 min 90° Peel (st,st)-FTM 2: 8.0 or Tear
24 hour 90° Peel (st,st)-FTM 2: 9.0 or Tear

Minimum Application Temperature: 10°C
Service Temperature Range: -50°C~+90°C

ADHESIVE PERFORMANCE

The adhesive features excellent initial tack and ultimate bond on a wide variety of substrates, including apolar, slightly rough and curved substrates.

Particularly good performance at small cylindrical or overlaminated labels: e.g. cosmetic and pharmaceutical containers.

AP104 is suitable for applications where compliance with FDA 175.105 is required. This section covers applications where for indirect or incidental contact food, cosmetic or drug products.

APPLICATIONS AND USE

This product is principally used as a base material for 'security labeling'. It offers a versatile tamper evident film which can be converted into shaped labels – yet will fracture on attempted removal. This performance is obtained via its unique structure, which consists of a relatively strong print skin – allowing shapes to be die cut and stripped extruded onto a foamed under surface layer which will split if the label is removed after application. Typical applications are for secure 'closures' in pharmacy, electronics and automatic spares. The product may additionally be used as a shrink label giving shrinkage in the machine direction after application to non-uniform surfaces when subjected to heat (-40% at 105 Deg. C). Other application areas may be in heat and sound insulation - where the relatively thick foamed layer will act as a non-conductive barrier, plus as a friction or anti-scratch label for table protection when applied to the base of trophies etc.

The above does not represent any guarantee or warranty and the Purchaser must independently determine the suitability of the products for the Purchaser's purposes.

PRINTING/CONVERTING

The product can be printed by all conventional roll label technologies including offset litho, UV letterpress and UV flexo. On press corona is recommended for optimum ink adhesion.

Print impression pressure should be 'backed off' to prevent collapse of the foamed structure.

Film grade flat bed, solid and magnetic rotary dies can all be used - while all rotary tools should be proofed to the BG40 liner.

Dies must be sharp and square corners should be avoided.

Overprinting using thermal transfer is good. Resin/ wax-resin based ribbons are recommended however ribbon and overprint unit settings must be tested to obtain best results.

SHELF LIFE

One year when stored at 23±2°C at 50±5% RH.

STATEMENT OF PRACTICAL USE

As with all pressure sensitive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.

Warranty

Information concerning Products are based upon tests believed to be reliable but do not represent a guarantee or warranty. Products are provided on the basis that any Purchaser has independently determined the suitability of the Products and Purchaser's purposes. The Company warrants the products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year of delivery (but not afterwards), upon notification thereof within seven (7) days of such appearance and substantiation that the Products have been stored and applied in accordance with the Company standards, the Company shall within a reasonable period correct such defects by providing a suitable replacement without charge at the Company's plant or at the location of the Products (at the Company's election) provided however, if the Company in its sole discretion determines that replacement is not commercially practical, the Company may issue a credit in favour of the Purchaser in an amount not to exceed the purchase price actually paid for the Products. Any implied warranty of merchantability fitness for particular purpose or other warranty of quality, whether express or implied by law, is hereby excluded to the extent permitted by law. In no event shall the Company be liable for any incidental, indirect or consequential damages including, but not limited to, loss of profit, loss of use or loss of capital. The remedies of the Purchaser set forth herein are exclusive, and the total potential liability of the Company arising out of any contract of or from the manufacture, sale, delivery, resale, installation or use of any products shall not exceed the purchase price of the products upon which liability is based.



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