



TECHNICAL DATA SHEET

QBX – Single-Coated Foam Tape Acrylic PSA

Arlon Innovations single-coated foam is an economical high-performance tape that combines high initial bond strength with excellent shear and cohesive strength.

Arlon Innovations QBX single-coated foam is an economical, self-adhesive foam designed for use as gaskets, spacers and die-cut pads. QBX uses a high cohesive strength acrylic emulsion adhesive. The high cohesive strength adhesive provides a clean glue line. The water-based acrylic adhesive forms a strong permanent bond to a wide variety of substrates. Cross-linked EVA:PE copolymer foam provides excellent mechanical strength for 1/32" and 1/16" tapes. Soft cross-linked PE foam is used in 1/8" and 1/4" tapes to provide better conformability to textured surfaces.

PRODUCT ATTRIBUTES

- Forms permanent bond suitable for medium-duty mounting
- Durable
- Resists yellowing and degradation upon exposure to UV light
- Not recommended for applications requiring high water resistance
- Resists moderate levels of dust and dirt contamination

STANDARD SIZES AND COLORS			
THICKNESS	WIDTH	LENGTH	COLOR
1/32"	60"	216'	Black, White
1/16"	60"	108'	Black, White
1/8"	60"	70'	Black, White

*Custom sizes are available upon request.

REPRESENTATIVE PHYSICAL PROPERTIES		
PROPERTY	VALUE (1/16" FOAM)	TEST METHOD
DENSITY	3 lb/cu ft	ASTM D – 1667
TACK @72°F	38 oz/in (A)	PSTC - 5
PEEL ADHESION @72°F on SS 15 min	75 oz/in (FT)	PSTC - 101
SHEAR ADHESION @72°F 1" x 1" x 1000g	48 hours (C)	PSTC - 107
PRODUCT CONSTRUCTION Liner Thickness Liner Basis Weight Adhesive type	6.0 mil 83# 2 mil aqueous acrylic	

FT – Foam tears due to stronger adhesion A – Adhesive Failure C - Cohesive Failure NF – No Failure

Product performance will vary in each application and is dependent upon composite construction. Arlon Innovations does not guarantee the replication of this data by third parties. None of the data or statements contained herein is intended to warrant the performance of this product. Data is representative and not intended as a manufacturing specification.



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GAUGE	WIDTH (*)	LENGTH	COLORS		FOAM DENSITY			LINERS	
			WHITE	BLACK	2#	3#	5#	KRAFT	PE
1/32"	60"	216'	●	●			●	●	○
1/16"	60"	108'	●	●		●		●	○
3/32"	60"	108'	○	○		○		○	○
1/8"	60"	108'	●		●			●	○
3/16"	60"	108'	○	○	○			●	○
1/4"	60"	54'	○	○	○			○	○

● - Standard, ○ - Available Option / Minimum Quantity Requirement
 (*58" Usable)

APPLICATION

- Ensure that all surfaces are clean, dry and free from excessive dust prior to installation.
- Recommended application temperature is above 50°F (for lower temperature applications, contact Arlon Innovations for additional information).
- Arlon Innovations flame-retardant general-purpose tape in-service temperature range: -20°F to 150°F.

STORAGE

- Shelf Life: one (1) year
- Store in a clean area free from exposure to excessive heat, moisture or direct sunlight (45% to 55% relative humidity, 50°F to 80°F).

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