

BR Series

The BR Series of Butyl liners and septa are manufactured from a high quality, custom formulated compound (BR502) and exhibit excellent low permeability characteristics, very good chemical resistance, and can withstand temperatures up to 100°C. Butyl septa work especially well when in contact with ketones and acids and are most commonly available in 11mm and 20mm aluminum crimp caps, although other configurations are also readily available.



Key Features

- High Quality Butyl Compound Developed and Manufactured by Pawling EP
- Good Compression Set
- Low Permeability
- Excellent Physical Properties

Product Benefits

- Excellent Re-sealability
- Excellent Low Permeability
- Intended for Multiple Injections

Applications

- 11mm Crimp Vial Septa
- 11mm Snap Cap Vial Septa
- 20 mm Headspace Septa
- 24mm VOA Vial EPA Septa



BR Series Technical Data

Product Properties

Butyl

Thickness: 0.010" to 0.125"

Durometer (Shore A): 50

Color: Reddish/Burnt Orange

Film Types

- PTFE: Thickness 0.002" to 0.010"
Color: Natural, White, Red
- FEP: Thickness 0.002" to 0.010"
Color: Clear
- ETFE: Thickness 0.002" to 0.010"
Color: Clear
- Polypropylene: Thickness 0.002" to 0.010"
Colors: Clear and White

Closures

- Polypropylene: 8mm to 110mm
Colors: Black, Blue, Yellow, Custom
- Polyethylene: 11mm Snap Cap
Colors: Natural, Red, Blue, Custom
- Aluminum: 8, 11, and 20 mm
Colors: Silver, Red, Green
- Magnetic: 20 mm
Colors: Silver, Red, Blue

Insert Type

- Press Fit
- Loose

Additional Options

- Custom Packaging



Butyl Physical Properties

Hardness	50
Tensile Strength (ppi)	1000
Elongation %	850
Tear Strength, Die C	150

Note: these results are typical for our BR series compounds and may vary slightly depending on exact materials used.

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