



BLAST™

BLAST™

American Bilrite, world leading manufacturer of performance sheet rubber, has enhanced its line of natural rubber by adding BLAST™, designed specifically for ballistic applications. BLAST™, Bullet, Lead and Shrapnel-Shield Technology is a specifically formulated natural sheet rubber for highest tear resistance and self-healing qualities.

Positioned between the target and the backstop, BLAST™ is designed to prevent the return of bullets, shrapnel and lead dust.

FEATURES AND BENEFITS

BLAST™ has self-healing qualities for longer lifespan

BLAST™ main color is black, other colors available include: red, white, tan (natural) and custom colors (available under certain conditions)

BLAST™ provides a safer & cleaner range (protects shooter/less clean-up)

BLAST™ is ideal for all types of ranges, curtain or wall applications and should hang freely to effectively reduce the velocity of the bullet on impact.

BLAST™ offers better waving on impact due to high modulus and tear resistance

BLAST™ is cost efficient; withstands repeated shooting with a variety of calibers

BLAST™ offers significant noise reduction

BLAST™ reduces airborne lead dust and diminishes dangerous ricochet

BLAST™ has been tested in military and law enforcement facilities

BLAST™ can easily be rotated or switched from one firing point to another to spread the load and extend its life



AMERICAN BILRITE
PERFORMANCE SHEET RUBBER

Where commitments still matter.

BLAST™

Bullet, Lead And Shrapnel-Shield Technology



USA : 1-888-275-7075

CAN : 1-800-567-2794

blast@american-biltrite.com

blast.american-biltrite.com

BLAST™

FRONT



Test performed:
225 rounds of 9mm

BACK



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PERFORMANCE SHEET RUBBER

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TECHNICAL SPECIFICATIONS

BLAST™ PREMIUM

SPECIFICATION ASTM D2000: 4AA430A13B13F17
POLYMER: Natural Rubber (NR)

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (Shore A)	40
D412	TENSILE (psi)	3300 nom.
	ELONGATION (%)	600 min.
	DIN ABRASION	Dry: 160 mm ³
	Temperature Range (general guideline):	-20° to 180°F (-29° to 82°C)

BLAST™

FRONT



Test performed:
225 rounds of 9mm

BACK



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TECHNICAL SPECIFICATIONS

BLAST™ REGULAR

SPECIFICATION ASTM D2000: 2AA420A13F17
POLYMER: Natural Rubber (NR)

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (Shore A)	40
D412	TENSILE (psi)	2000 min.
	ELONGATION (%)	400 min.
	DIN ABRASION	Dry: 230 mm ³
	Temperature Range (general guideline):	-20° to 180°F (-29° to 82°C)

BACK COMPARISON

BLAST*



Test performed:
225 rounds of 9mm

COMPETITOR



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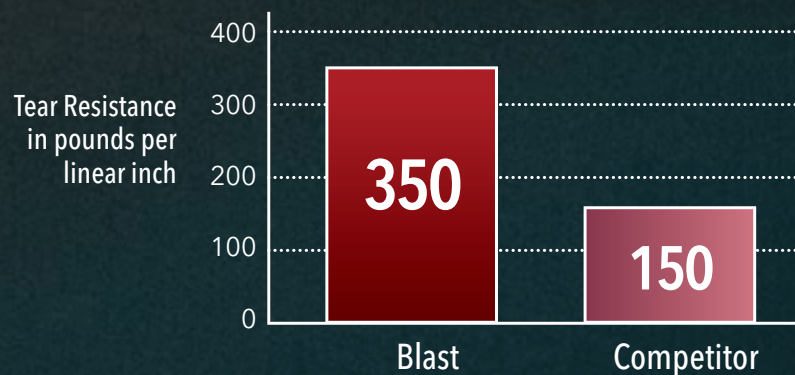
BLAST™

FRONT COMPARISON

BLAST®**COMPETITOR**

Test performed: 225 rounds of 9mm

TEAR RESISTANCE TEST



Independent test made by Akron Rubber Development Laboratory Inc. showed that BLAST™ is twice as resistant to tearing than its main competitor.

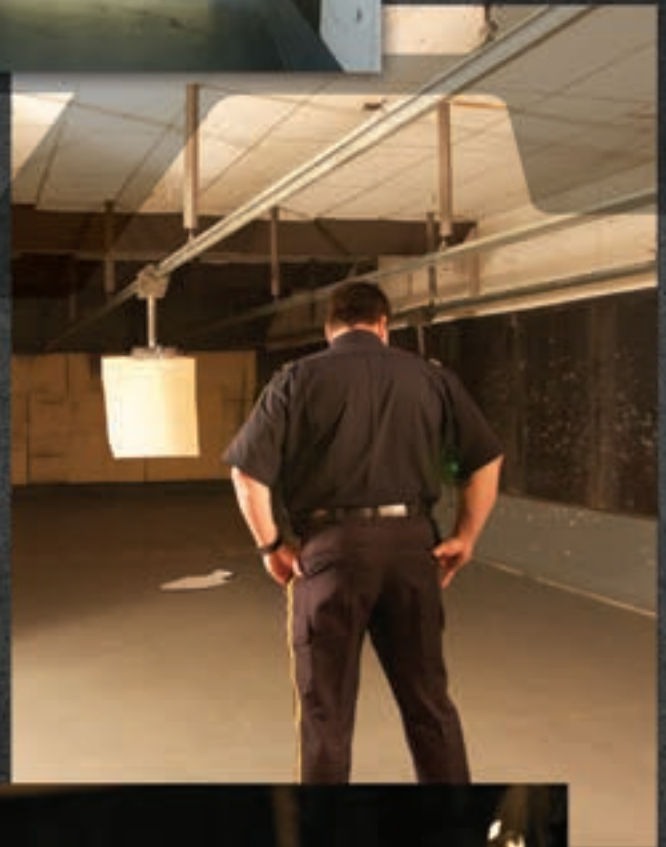
Tear Resistance is the key element for enhancing self-healing benefits.

CASE STUDY

Police Station

Before

- Shooting range with a metal angled back wall
- Officers are often hit with shrapnel
- Some were hit in the face
- High level of lead contamination (air ventilation system insufficient)
- High maintenance costs due to residual shrapnel
- Health problems due to sound dispersion
- High rate of absenteeism due to fear of being hit by shrapnel, lead contamination and hearing disorders
- They use 9mm, 357, 40 caliber and 12 gauge. Normal practice shooting done with metal jacket ammunition but they also use hollow point bullets and slugs for simulation
- They use pieces (2' X 6') of recycled (re-vulcanized) rubber but they tear very easily and they are heavy to move (only comes in black)



After: Solution and Results

- Installation of 1/4" of our BLAST™ curtain "Natural color"
- They cut the sheet in pieces of 3' X 2' interlaced
- Ricochet are down by more than 95%
- Lead contamination is reduced
- Maintenance costs are reduced
- Absenteeism is reduced
- Simulation is easier for them. They have ordered "bright yellow" curtains for outside applications "sniper training" and they would like to try green reinforced rubber for wall applications
- They can easily put up to 2000 rounds in one curtain. When it is used they can replace or put it in an area less targeted



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PRODUCT OFFERING

CURTAIN APPLICATION

GAUGE

Standard: 1/4" and 1/16" when using hollow point bullets

Also: 1/8", 3/8", 1/2", 3/4" and 1 inch

SIZE

Standard: in roll of 36" or 48" with a roll length of 25' to 50' depending on gauge (custom made for your needs)

COLORS

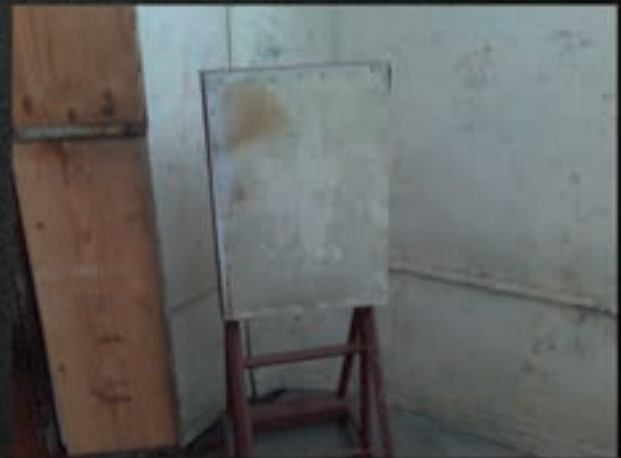
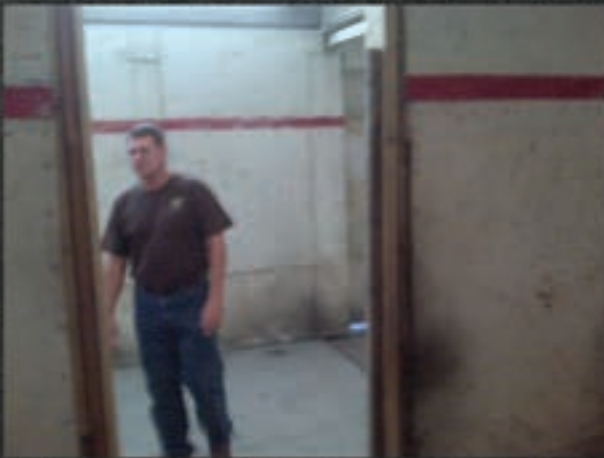
Standard: Red, Black, White and Tan (Natural)
Custom colors can be produced with minimal runs.

WALL APPLICATION (TRAINING FACILITIES)

We can also provide products for wall applications such as training facilities (shoot houses and kill houses).

Where maximum conformity and deformation resistance are needed, American Biltrite's reinforced sheet rubber is the solution.

Available in multiple combinations of fabric and colors.



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