



RockShield 60® Abrasion Resistant Lining

The heavy duty problem solver for rugged material handling applications.

Get tough on abrasion and wear.

RockShield 60 is a blend of natural and butadiene rubber, formulated to provide the toughness needed in the handling of coarse materials in difficult applications, where impact and abrasion exist. The combination of high resiliency and resistance to deformation makes *RockShield 60* the ideal solution in the handling of large-particle coarse ore.

In addition to outstanding wear performance, the resiliency and flexibility of the *RockShield 60*'s rubber compound enhances the movement of material fines where caking or buildup occurs when mixed with the larger product particles.

The outstanding physical properties of *RockShield 60* provide the following benefits:

- ▶ Exceptional wear and tear resistance
- ▶ Excellent flexibility and resilience
- ▶ High elasticity
- ▶ Superior bonding characteristics
- ▶ Optimum performance and reliability
- ▶ Excellent noise reduction

RockShield 60 linings are designed to be an integral part of conveying systems. It protects and cushions the chute and transfer points of the materials being handled. This product performs very well in most mining and mineral processing applications.



RockShield 60 has excellent wear characteristics in chutes, hoppers, bins and transfer points.



RockShield 60 is an ideal choice for screening applications.

RockShield 60®

Product Specifications



Description

RockShield 60 is a heavy duty abrasion-resistant product designed to be used as a protective shield in challenging material handling applications.

Typical Applications

Rock Shield 60 is best suited for dry abrasion and impact applications.

Bonding System

IMTECH® *RockShield 60* is supplied with a special CN bonding layer that facilitates installation and adhesion when used in conjunction with IMTECH® *STR Two-Part Cold Bonding Adhesives*.

Adhesive application instructions and surface preparation procedures are available upon request.

Product Availability

IMTECH® *RockShield 60 Abrasion Resistant Lining* is available in rolls in the following dimensions.

Product No.	Thickness	Roll Size
IMRS60125	1/8"	60" x 33'
IMRS60250	1/4"	60" x 33'
IMRS60375	3/8"	60" x 33'
IMRS60500	1/2"	60" x 33'
IMRS60750	3/4"	60" x 33'
IMRS601000	1"	60" x 33'

Mean Physical Properties

Characteristic	Test Standard	WearShield 45
Color	—	Black
Elastomer	—	IR/BR
Density (Specific Weight)	ASTM-D1817	1.15 g/cm ³
Hardness	ASTM-D2240	60 Shore A +/- 5
Resilience	—	55%
Tensile Strength	ASTM-D412 Die C	2,844 psi
Elongation at Break	ASTM-D412 Die C	450%
Tear Resistance	ASTM-D624 Die C	824 psi
Abrasion Resistance	DIN 53516	82 mm ³ @ 10n
Temperature Range	—	-40°C to +80°C -40°F to +178°F

Chemical Resistance

Chemical	WearShield 45 Resistance
Diluted acids and bases	Very good
Concentrated acids and bases	Good
Hydrocarbons	Poor
Solvents	Poor
Ozone	Good



IMTECH Sales Office

1225 West Main Street Elko, NV 89801 Phone 800-738-0308 Fax 877-638-0308
info@imtechrubber.com www.imtechrubber.com