

Quality Assured Rubber Solutions



Wear-resistant polymers for  
the Quarry, Construction and  
Mining Industries

**ZENITH**<sup>TM</sup>  
**RUBBERUK**

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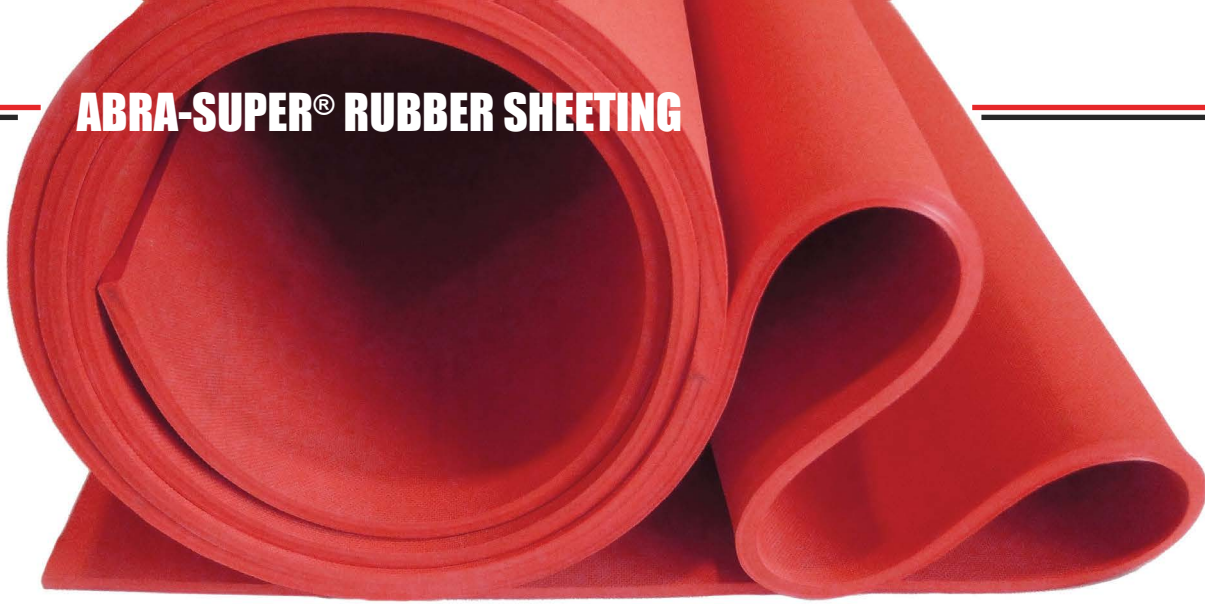
# INTRODUCTION

Zenith Industrial Rubber Products has been a leading manufacturer of high-quality industrial rubber products since its establishment in 1965. Over the years, Zenith has achieved remarkable success in the global market and has become recognised as a trusted supplier.

With a strong focus on delivering excellence, Zenith offers a diverse range of products, including a wide selection of high wear-resistant rubber products such as rubber lining sheets, conveyor belts, screening rubber, skirtboard rubber, rubber pulley lagging, ceramic pulley lagging, ceramic wear pads, impact bars, glide bars, lifter bars, conveyor repair patches & strips, steel-backed rubber pads, sidewalls, flights, gaskets, and seals.

**ZENITH RUBBER UK/IRELAND** warehouse spans over 65,000 square feet, with raw material stock inventory of over 3,800 tonnes. At the core of our current operations is a massive investment in precision cutting technology. Our state-of-the-art CNC and Waterjet cutting facilities offer rapid delivery of bespoke custom cut rubber parts in a choice of over 200 polymers ensuring we have a performance polymer to meet even the most demanding applications.

# ABRA-SUPER® RUBBER SHEETING



Premium natural rubber is excellent for abrasion, impact, and corrosion resistance. The Abra-Super® range provides unmatched wear performance in the toughest abrasive environments. Pure natural rubber is outstanding, particularly for handling slurries. Its inherent properties of strength, resilience, and cut resistance have a direct effect on wear performance.

The Abra-Super® range is suitable for rubber lining in mining, sand, gravel, and glass industries for equipment protection and noise dampening. An Abra-Super® rubber sheet with a CN bonding layer offers excellent durability, ensuring that the adhesion remains intact over an extended period. This long-lasting bond provides reliable performance, even in demanding environments or under challenging conditions, enhancing the overall strength of the bonded materials and surfaces.

## Standard Dimensions

Thickness	: 1mm to 50mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.

Color						
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## Applications

- Lining of slurry chutes
- Tanks
- Flat cells
- Storage bins
- Pipes
- Cyclones
- Launderers



## Features

Premium resistance to abrasion with excellent tensile strength and high elasticity.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Super 35	Red	1.10	35 ± 5	255	810	Natural Rubber	80-90
Abra-Super 40	Red	0.98	38 ± 5	255	900	Natural Rubber	80-90
Abra-Super 60	Red, Black	1.10	60 ± 5	270	800	Natural Rubber	90-100

# ABRA-LINE RUBBER SHEETING

ABRA-LINE is a highly versatile rubber material specifically designed to excel in both wet and dry applications. Its exceptional properties make it suitable for various industrial uses, demonstrating a proven ability to withstand highly abrasive environments. Its remarkable resistance to tearing ensures durable protection even in challenging conditions.

Overall, ABRA-LINE is a reliable rubber material that offers outstanding performance in wet and dry scenarios, making it a sought-after choice across various industries. Its durability, tear resistance, and anti-build-up properties contribute to its value as a protective, efficient solution for demanding applications. An Abra-Line rubber sheet with a CN bonding layer offers excellent durability, ensuring that adhesion remains intact over an extended period to enhance structural bond strength.

## Standard Dimensions

<b>Thickness</b>	: 1mm to 50mm
<b>Width</b>	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
<b>Length</b>	: 10Mtr, 33 Ft, 11 Yard
<b>Finish Type</b>	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.

<b>Color</b>	
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## Applications

- Chute lining
- Pipe lining
- Tank lining
- Hydro cyclones
- Laundering Lining
- Valve liners
- Belting
- Lagging of conveyor belt

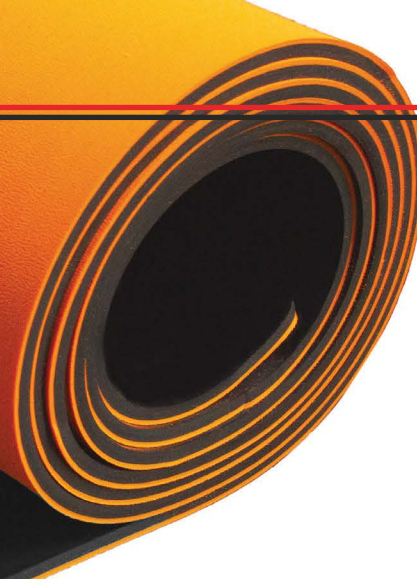
## Features

Premium resistance to abrasion with excellent tensile strength and high elasticity.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Line 38	Red, Honey, Blonde	1.05	38 ± 5	190	650	Natural Rubber	100-110
Abra-Line 40	Pink, Orange	1.10	40 ± 5	165	600	Natural Rubber	100-110
Abra-Line 60	Black, Pink	1.15	60 ± 5	200	550	Natural Rubber	100-110

# ABRA-MAX RUBBER SHEETING









Abra-Max rubber sheeting features excellent resistance to abrasion, proving its "Best in Field" performance in fine slurry applications due to its high resilience and low modulus. It provides excellent corrosion resistance. Its exceptional properties make it suitable for various industrial lining applications, demonstrating an elite ability to withstand abrasive materials. An Abra-Max rubber sheet with a CN bonding layer offers excellent durability, ensuring that the adhesion remains intact over an extended period to maximise system reliability with enhanced overall bonding strength between the surface and the material.

Abra-Max rubber sheet with CN bonding layer offers excellent durability, ensuring that the adhesion remains intact over an extended period. This long-lasting bond provides reliable performance, even in demanding environments or under challenging conditions. It enhances the overall strength of the bonded materials and surfaces.

## Standard Dimensions

Thickness	: 1mm to 50mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.

Color						
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## Applications

- Chute lining
- Pipe lining
- Tank lining
- Hydro cyclones
- Laundering Lining
- Valve liners
- Belting
- Lagging of conveyor belt

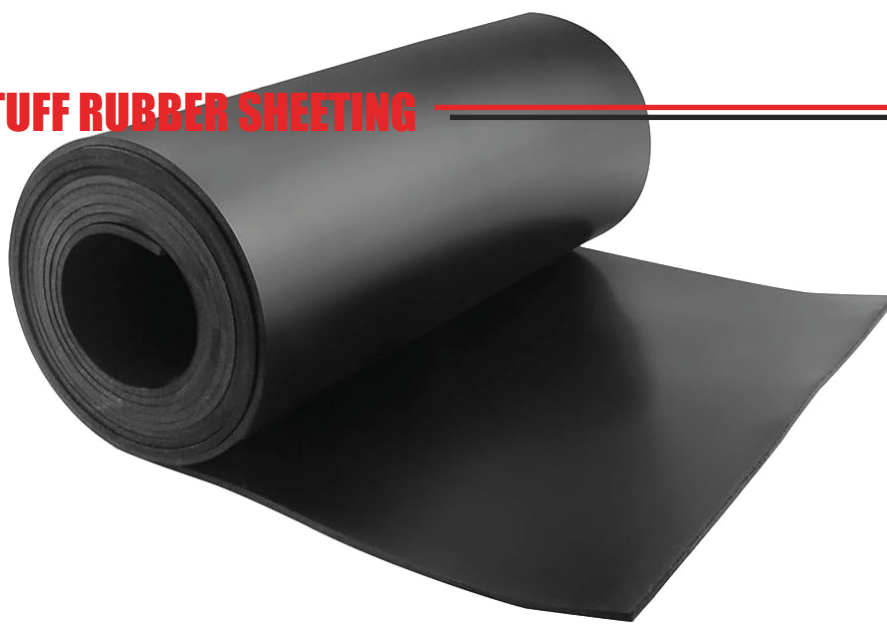
## Features

Good resistance to abrasion with excellent tensile strength and high elasticity.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Max 45	Orange	1.10	45 ± 5	150	600	NR/SBR	110-120
Abra-Max 60	Black	1.15	60 ± 5	150	500	NR/SBR	110-120

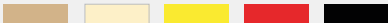
# ABRA-TUFF RUBBER SHEETING



Zenith's Abra-Tuff Rubber Sheeting is a superior, long-life product offering high abrasion resistance, making it perfect for a variety of heavy wear-and-tear applications. It contains reinforcing fillers which give it extra resistance to cutting by sharp particles. Zenith's Abra-Tuff Rubber Sheeting has excellent physical properties including premium cut and tear resistance is highly flexible, and exhibits solid resistance to mild acids and alkalis within the mineral processing industry.

Abra-Tuff rubber sheet with CN bonding layer offers excellent durability, ensuring that the adhesion remains intact over an extended period. This long-lasting bond provides reliable performance, even in demanding environments or under challenging conditions. It enhances the overall strength of the bonded materials and surfaces.

## Standard Dimensions

Thickness	: 1mm to 50mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth, both sides fabric or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.
Color	

## Applications

- Chute lining
- Pipe lining
- Tank lining
- Hydro cyclones
- Laundering Lining
- Valve liners
- Belting
- Lagging of conveyor belt

## Features

Good resistance to abrasion with excellent tensile strength and high elasticity.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Tuff 45	Black, Red, Yellow	1.20	45 ± 5	130	500	NR/SBR	130-140
Abra-Tuff 60	Black	1.17	60 ± 5	125	450	NR/SBR	130-140


# ABRA-WEAR RUBBER SHEETING



Abra-Wear Rubber Sheet is designed to be used in dry applications with good resistance to abrasion and impact. It provides protection against wear and material build up and display resistance to some mild chemicals, including acids and alkalis used in mineral processing.

Abra-wear rubber sheet with CN bonding layer offers excellent durability, ensuring that the adhesion remains intact over an extended period. This long-lasting bond provides reliable performance, even in demanding environments or under challenging conditions. It enhances the overall strength of the bonded materials and surfaces.

## Standard Dimensions

Thickness	: 1mm to 50mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.
Color	

## Applications

- Chute lining
- Pipe lining
- Tank lining
- Hydro cyclones
- Launderers Lining
- Valve liners
- Belting
- Lagging of conveyor belt

## Features

Fair resistance to abrasion with excellent tensile strength and high elasticity.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Wear 45	Brick Red	1.25	45 ± 5	100	450	NR/SBR	150-160
Abra-Wear 50	Black	1.25	50 ± 5	100	350	NR/SBR	150-160
Abra-Wear 60	Black	1.25	60 ± 5	100	350	NR/SBR	150-160

# ABRA-ECO RUBBER SHEETING






Abra-Eco grade is the economical wear protection solution for a variety of applications. It is designed to be used in dry applications with a fair resistance to wear and tear. The economy grade ensures that customers can achieve reliable performance and meet their rubber sheeting needs without compromising on quality.

Abra-Eco has "Best in Field" performance in Shot blasting applications with its good tensile strength and tear. It provides good corrosion resistance. Its exceptional properties make it suitable for various industrial lining applications, demonstrating its ability to withstand the abrasive nature of this material.

Abra-Eco rubber sheet with CN bonding layer offers excellent durability, ensuring that the adhesion remains intact over an extended period. This long-lasting bond provides reliable performance, even in demanding environments or under challenging conditions. It enhances the overall strength of the bonded materials and surfaces.

## Standard Dimensions

Thickness	: 1 mm to 50mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.
Color	  

## Applications

- Chute lining
- Pipe lining
- Tank lining
- Hydro cyclones
- Laundering Lining
- Valve liners
- Belting
- Lagging of conveyor belt

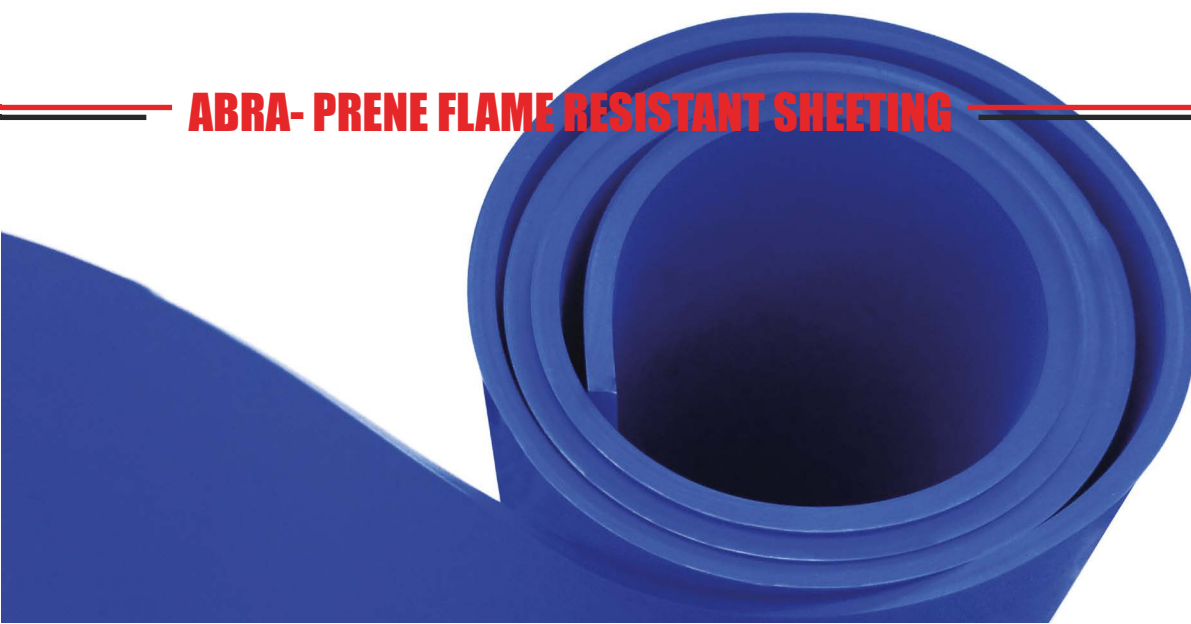
## Features

Moderate dry and wet wear, Light weight, Good sealing properties, Easy installation, Impact & vibration absorption

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Eco 45	Red	1.28	45 ± 5	80	450	NR/SBR	180-200
Abra-Eco 50	Red	1.28	50 ± 5	80	350	NR/SBR	180-200
Abra-Eco 65	Black	1.28	65 ± 5	80	350	NR/SBR	180-200



# ABRA- PRENE FLAME RESISTANT SHEETING



Abra-Prene Flame Resistant rubber stands out from other chloroprene compounds due to its exceptional qualities tailored to the needs of the oil sands industry. Its key differentiators include:

- **Unmatched Abrasion Resistance:** Abra-Prene rubber offers superior durability, making it highly resistant to wear and tear, ideal for harsh environments and heavy-duty applications.
- **Enhanced Oil and Chemical Resistance:** Unlike conventional polychloroprene compounds, Abra-Prene rubber provides resistance to oil and chemicals, ensuring reliable performance even in challenging conditions.
- **Weather Endurance:** This Specialised rubber compound can withstand various weather conditions, including extreme temperatures and exposure to UV rays, ensuring consistent performance over time.

## Standard Dimensions

Thickness	: 1 mm to 50 mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.
Color	 

## Applications

- Oil sands
- Mining Hose
- High Temperature Resistant
- Chemical Tank Lining.

## Features

Good abrasion resistance, Flame Resistant, High Temperature resistant. Weather, chemical, oil resistant.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Prene 55	Black, Blue	1.35	55 ± 5	200	500	Chloroprene	160 -170
Abra-Prene 65	Black	1.35	65 ± 5	200	500	Chloroprene	160 -170



# ABRA-SUPER OZ SHEETING



Abra-Super OZ stands out as a specialised combination of natural rubber and EPDM, engineered to excel in demanding conditions. Its notable features include:

- **Outstanding Abrasion Resistance:** Abra-super OZ rubber demonstrates remarkable resilience against abrasion, making it ideal for applications subject to high levels of wear and tear.
- **UV and Ozone Resistance:** This rubber compound is formulated to endure prolonged exposure to sunlight and high ozone concentrations, safeguarding it against surface deterioration in environments where unprotected natural rubber might be vulnerable.
- **Versatile Protection:** Unlike regular natural rubber, Abra-super OZ eliminates the need for additional surface painting or shielding. It releases its own 'antiozonant' for protection, ensuring reliability without requiring extra maintenance.

## Standard Dimensions

Thickness	: 1 mm to 50 mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Fabric, Smooth, Buff, CN bonding Layer.
Color	 

## Applications

- Used in areas which requires ozone resistance and resilience
- Rubber lining for Agitators
- Cover rubber for granulate bullet traps
- Ducts
- Pumps
- Tanks
- MS Pipes
- Centrifuge Basket
- Shell rubber lining
- Vibrator bowl lining

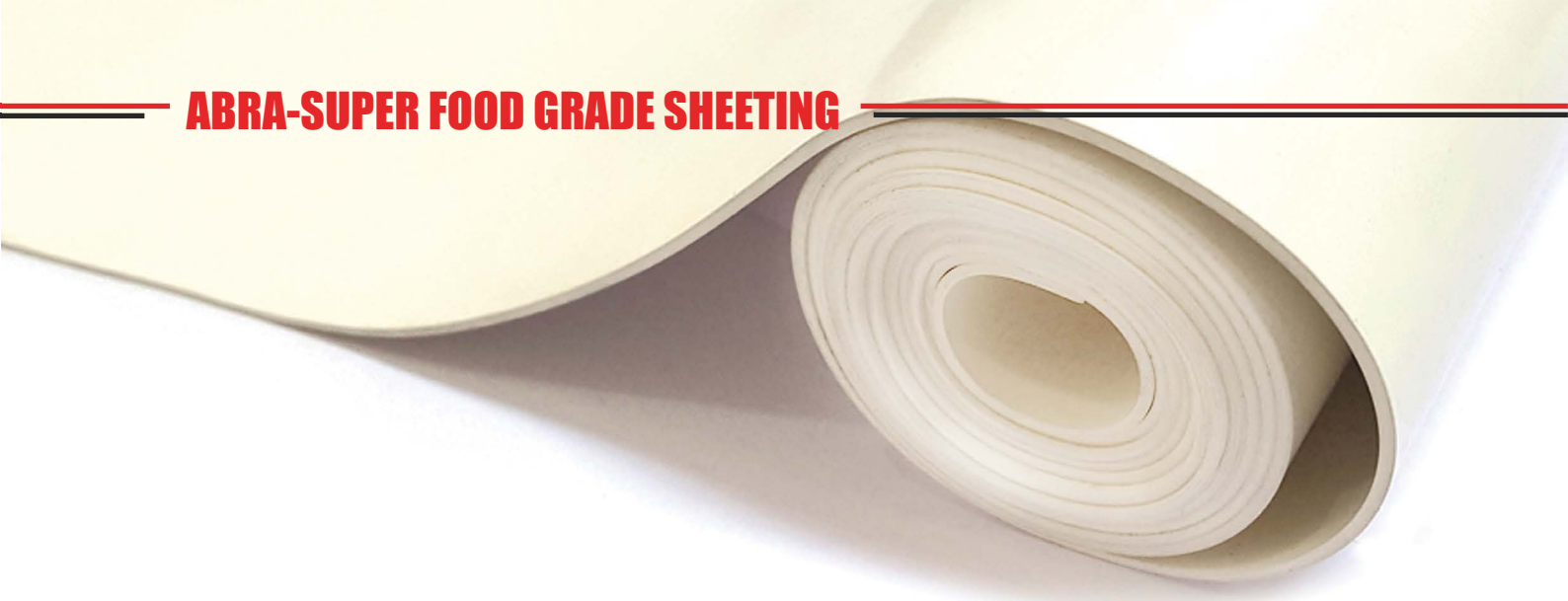
## Features

Excellent weathering and ozone, high resilience and tear strength, good sound absorption and vibration dampening properties.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Super OZ 40	Black,Green	1.05	40 ± 5	220	750	Natural Rubber	130-140
Abra-Super OZ 60	Black,Green	1.50	60 ± 5	220	750	Natural Rubber	130-140

# ABRA-SUPER FOOD GRADE SHEETING




Abra-Super FG rubber represents a premium natural rubber compound meticulously manufactured to meet the stringent regulatory standards of both the FDA (USA Food & Drug Administration CFR 21 177.2600) and the European Union (EU Regulation 1935/2004).

This high-quality rubber compound is specifically formulated to excel in wear resistance, making it an ideal choice for applications requiring a protective covering for process equipment and belt coverings that occasionally come into contact with food.

Abra-Super FG rubber is suitable for handling both aqueous and dry foods, ensuring a safe and reliable solution for various food-related industries. However, it should not be utilised with food oils, fatty foods, or foods that contain free oil on their surface.

## Standard Dimensions

Thickness	: 1 mm to 50 mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Fabric, Smooth, Buff, CN bonding Layer.
Color	

## Applications

- Food Processing Industry
- Gasket Industry
- Pharmaceutical Industry
- Cosmetic Industry

## Features

Abra-Super FOOD GRADE rubber is only suitable for handling aqueous & dry foods products, wear and tear resistance, non-marking.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Super FG 40	White	1.10	40 ± 5	220	700	Natural Rubber	130-140
Abra-Super FG 60	White	1.10	60 ± 5	220	700	Natural Rubber	130-140


## ABRA-TRILE OIL RESISTANT SHEETING



Abra-Trile is the ideal lining material for applications which require oil, chemical and Abrasion resistance. While natural rubber boasted good abrasion resistance, it fell short in oil immersion applications. Meanwhile, typical nitrile based rubbers excelled in oil resistance but lacked wear performance, limiting their use in high abrasion settings.

Enter Abra-Trile rubber, a specially formulated nitrile-based compound designed to deliver exceptional abrasion resistance even in the presence of oils and chemicals. Notably, Abra-Trile rubber also exhibits outstanding high-temperature performance, making it suitable for use up to 110°C (230°F).

### Standard Dimensions

Thickness	: 1 mm to 50 mm
Width	: 1.2 / 1.4 / 1.5 Mtr, & 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.
Color	

### Applications

- Grain Handling Systems
- Linings in Fertilizer Works
- Pump Linings and Impellers
- Sand Processing Circuits Where Oil-based Reagents are Used

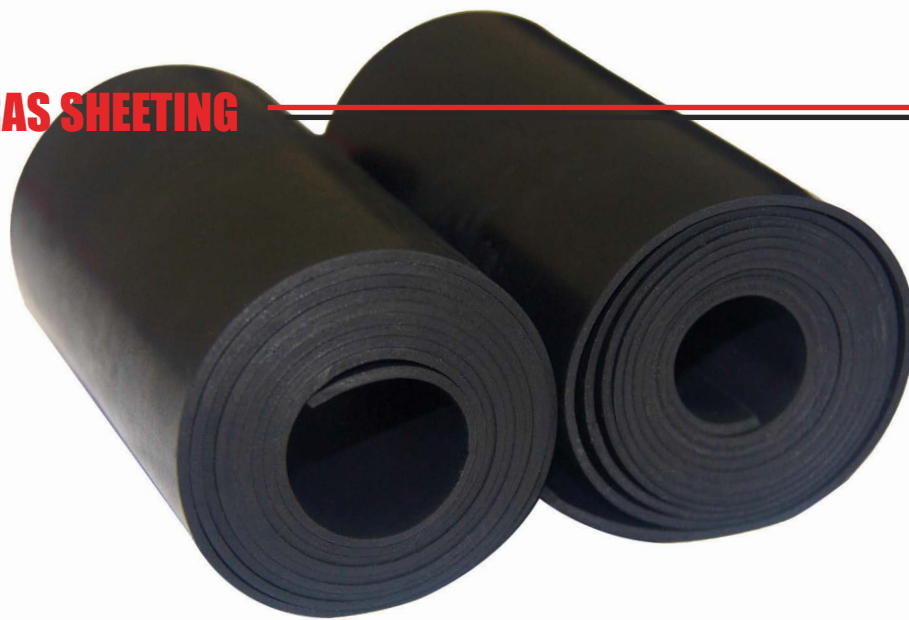
### Features

Resistance to oils, minerals, chemicals, greases, Abrasion, aliphatic hydrocarbons, Low permeability to gases

### TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer Content	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Trile 55	Orange	1.10	55 ± 5	130	700	Nitrile Rubber	160 -170
Abra-Trile 70	Orange	1.10	70 ± 5	130	700	Nitrile Rubber	160 -170


# ABRA-FRAS SHEETING



ABRA-FRAS (FIRE RESISTANT, ANTI STATIC) is a superior-grade synthetic rubber sheeting. The rubber sheet is certified for its Fire Resistant and Anti-static properties, having undergone rigorous testing and approval by the Mine Safety Technology Centre, aligning with the strict standards of MDG 3608 for Non-Metallic Materials used in Underground Coal Mines.

This specialised FRAS (Fire-Resistant, Anti-Static) rubber sheet exhibits excellent physical characteristics, including robust mechanical strength and moderate resistance to abrasion, impact, and UV exposure. As a result, it proves to be highly suitable for sealing, insulating, and isolating applications in underground environments or areas with a heightened risk of ignition and fire, such as coal mines, grain handling, and processing facilities.

## Standard Dimensions

<b>Thickness</b>	: 1 mm to 50 mm
<b>Width</b>	: 1.2 / 1.4 / 1.5 / 2 mtr.
<b>Length</b>	: 10Mtr, 33 Ft, 11 Yard
<b>Finish Type</b>	: Both sides smooth, both sides fabric, or a buffed finish. Alternatively, one side smooth and the other side fabric or buffed finish with an option of CN Bonding Layer.
<b>Color</b>	

## Applications

- Fire Resistant Skirting Rubber
- Anti-static Skirting Rubber
- Impact Curtains
- Ballistic Rubber Curtains
- Underground Mining Equipment Curtains
- Insulating Strip and Isolation Barriers.
- Transfer and Joining Sleeves
- Flange Gaskets and Seals
- Ventilation Ductwork Seals.

## Features

Certified Fire Resistant Anti-Static Rubber Sheet, good mechanical properties, Fire & Electrical resistance, Good Abrasion and Tear resistance.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer Content	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra- FRAS	Black	1.40	70 ± 5	180	500	Chloroprene	160 -170
Abra- FRAS ECO	Black	1.40	70 ± 5	150	400	NR/SBR	180-200

# COMBI RUBBER SHEETING



Combi rubber is a multi-layer rubber sheet design specifically for the mining/quarry industry to protect the material handling plant and equipment from wear, tear, and impact.

The top and bottom layers have high abrasion resistance and are cut to withstand rough mining materials. The inner layer provides extra support and increased glide while moving materials. It can be used as a belt cleaning device on either side conveyor belt to wipe off dust and wet slurries to avoid carrying back and building up on rollers. The harder black rubber protects the softer red rubber to provide a durable and hard-wearing solution.

## Standard Dimensions

Thickness	: 6 mm to 50 mm
Width	: 1.2 / 1.4 / 1.5 / 2 mtr.
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both side smooth finish, CN bonding Layer.
Color	

## Applications

- Scrapper System
- Vibratory feeders
- Distribution bins
- Sumps

## Features

Superior resistance to dry abrasion and high impact. Low friction on conveyor belt, Excellent cut and gouge properties when sharp, heavy coarse particles are present. Unique two-colour abrasion-resistant compounds enable efficient handling of mining materials while the inner layer supports the structural load.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer Content	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Combi 6045	Black-Red-Black	1.15	60/45/60	150	500	NR/SBR	120-130
Abra-Combi 7550	Black-Red-Black	1.25	75/50/75	70	300	NR/SBR	180-200


# SKIRT BOARD RUBBER SHEETING



Skirtboard rubber sheets play a crucial role in the mining industry, serving as a sealing and protective solution. Made from durable rubber compounds, they resist wear and tear, providing an effective barrier against material spillage and dust emission from conveyor belts. The sheets are highly flexible, adapting to conveyor contours, and exhibit excellent impact and chemical resistance. Skirt rubber sheets find widespread application as conveyor belt skirting, creating a tight seal between the belt and loading chutes, preventing material escape and reducing dust generation.

Skirt Board rubber sheets act as shield against impact damage, prolonging the conveyor belt's life. Moreover, their noise-reduction properties contribute to a safer and healthier work environment. In summary, skirt rubber sheets are indispensable in mining operations, ensuring efficient material handling, dust control, and environmental protection.

## Standard Dimensions

Thickness	: 6 mm to 50 mm
Width	: 100 mm to 2000 mm
Length	: 10Mtr, 33 Ft, 11 Yard
Finish Type	: Both sides smooth finish, CN bonding Layer.
Color	

## Applications

- Skirting Rubber Seal
- Mounting Pad
- Sealing Strips
- Flapping

## Features

Good abrasion & wear resistance, Low friction, Resistance to chemicals & good flexibility.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Abra-Skirt 45	Green, Black Orange	1.18	45 ± 5	120	400	Natural Rubber	130-140
Abra-Skirt 50	Yellow, Red	1.20	50 ± 5	100	450	Natural Rubber	160-180
Abra-Skirt 55	Black	1.25	55 ± 5	80	350	Natural Rubber	180-200
Abra-Skirt 60	Black	1.25	60 ± 5	70	350	Natural Rubber	180-200
Abra-Skirt 65	Black	1.35	65 ± 5	60	300	Natural Rubber	220-230

# ZEN-STAR PULLEY LAGGING RUBBER SHEET

Zen-Star rubber pulley lagging sheets are essential components used in the mining industry for wet and dry application and can be universally applied as a lagging for drive pulleys for low to high-loaded conveyor belts, to enhance the performance and lifespan of conveyor pulleys.

Zen-Star Rubber pulley lagging sheets are made from high-quality rubber with a patterned surface to improve traction and grip. The primary purpose of rubber pulley lagging is to increase the friction between the conveyor belt and the pulley, reducing belt slippage and preventing material spillage.

Zen-Star Rubber pulley lagging sheets are custom-engineered rubber sheets crafted to optimize the functionality of conveyor pulleys across diverse industrial applications. Their unique formulation enables them to withstand a variety of conditions like general purpose, oil, food grade, fire etc.

## Standard Dimensions

**Thickness** : 6.6 mm to 20 mm  
**Width** : 0.5 / 1.2 / 1.4 / 1.5 / 2 Mtr.  
**Length** : 10 Mtr, 33 Ft, 11 Yard  
**Finish Type** : Square & Diamond Design with CN bonding Layer.

**Color**



## Applications

- Fire resistance-Anti Static ( FRAS)  
Drive Pulley Lagging
- General Purpose
- Food Grade
- Oil resistance



## Features

High tensile, Excellent Abrasion resistance, oil resistance, Fire resistance- Anti static ( FRAS), eliminate slippage etc.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Zen-Star 45 Max	Red	1.10	45 ± 5	150	600	NR/SBR	110-120
Zen-Star 60 Max	Black	1.15	60 ± 5	150	500	NR/SBR	110-120
Zen-Star 60 Tuff	Black	1.17	60 ± 5	125	450	NR/SBR	130-140
Zen-Star 65 Wear	Black	1.25	65± 5	100	350	NR/SBR	150-170
Zen-Star 65 Eco	Black	1.35	65± 5	60	300	NR/SBR	220-250

# ZEN-STAR PULLEY LAGGING RUBBER SHEET

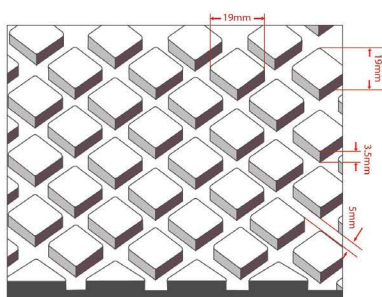
## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Polymer Content	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)		mm <sup>3</sup>
Zen-Star 55 FG	White	1.10	55 ± 5	150	600	NR/SBR	110 -120
Zen-Star FG OIL	White	1.15	55 ± 5	150	600	Nitrile	120-130
Zen-Star FRAS	Black	1.40	70 ± 5	180	500	Chloroprene	160-170
Zen-Star FRAS ECO	Black	1.40	70 ± 5	150	400	NR/SBR	180-200

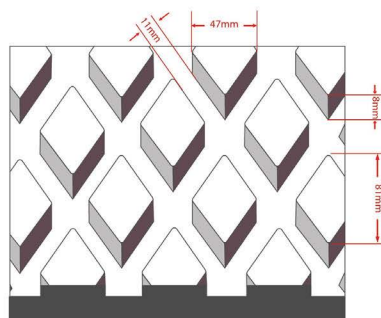
## DIMENSIONS

Code	Thickness (mm)	Width (mm)	Zen-Star Pulley Size (mm)	Zen-Star Pulley Depth (mm)
Mini Diamond Design 2.5	6.6	2000	19 X 35.5	2.5
Mini Diamond Design 3.5	8, 10, 12, 15	2000	19 X 35.5	3.5
Maxi Diamond Design 6.0	12	2000	47 x 81	6
Maxi Diamond Design 8.0	15, 20	2000	47 x 81	8
Medium Diamond Design 4.0	10, 12, 15	1500	26 X 46	4
Medium Diamond Design 4.5	15, 18, 20	500	25 X 47	4
Square Design 3.5	8, 10, 12	1500	19 x 19	3.5
Moulded Pulley Lagging	12, 15, 18, 20	500	36 x 60	6

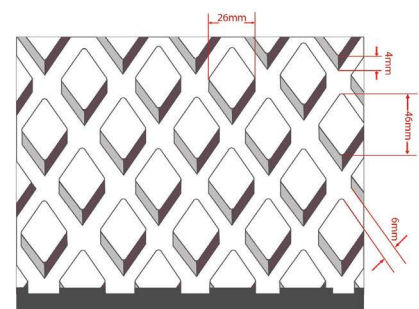
## Technical Diagram



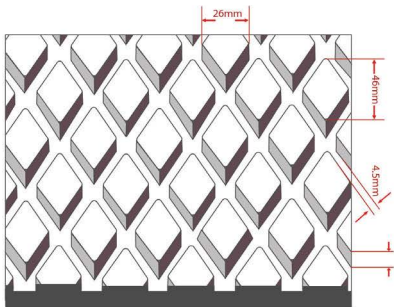
**SQUARE DESIGN 3.5**  
(With 8, 10, 12mm Thickness)



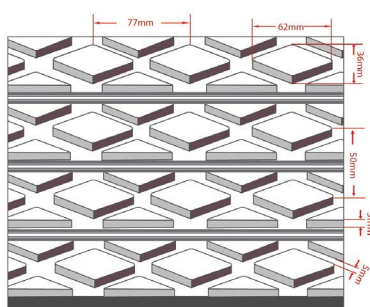
**MAXI DIAMOND DESIGN 8.0**  
(With 12, 15, 20mm Thickness)



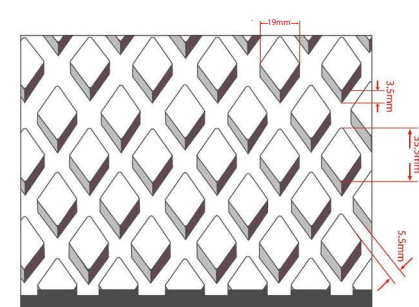
**MEDIUM DIAMOND DESIGN 4.0**  
(With 10, 12, 15mm Thickness)



**MEDIUM DIAMOND DESIGN 4.5**  
(500mm x 500mm, With 20mm Thickness)

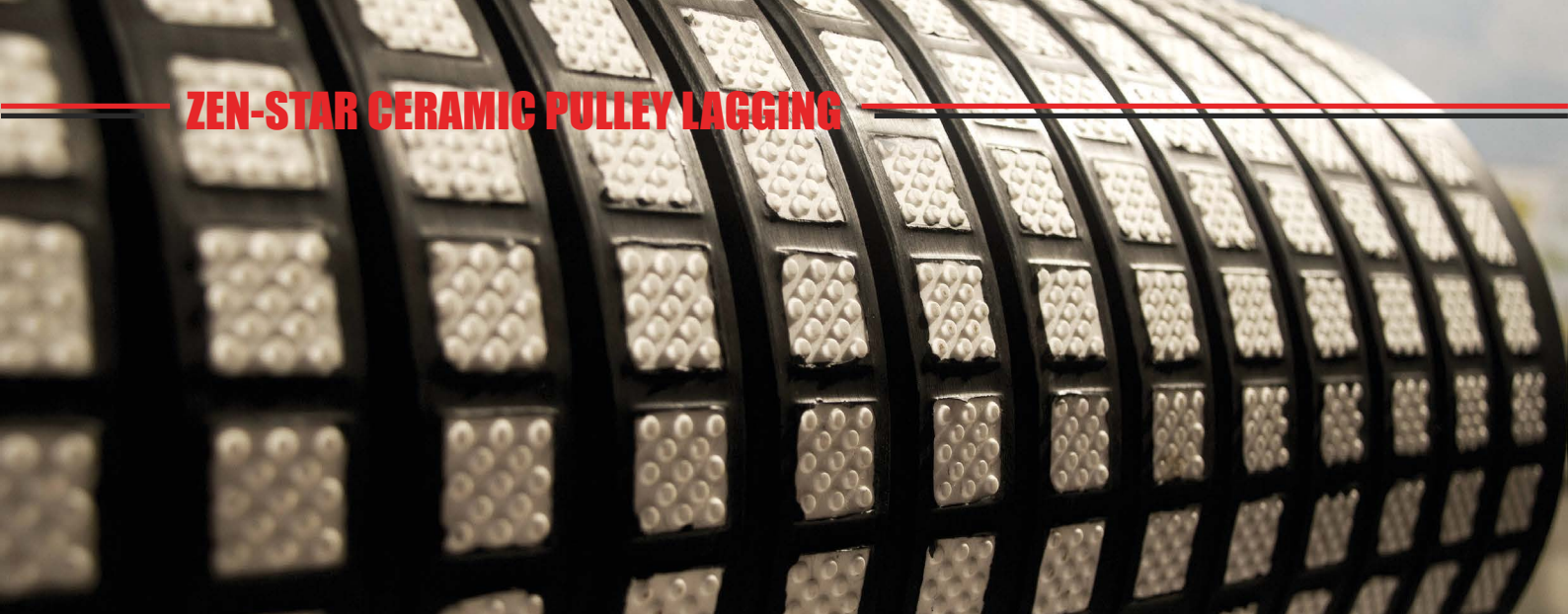


**MOULDED PULLEY LAGGING**  
(With 12, 15mm Thickness)



**MINI DIAMOND DESIGN 3.5**  
(With 8, 10, 12, 15mm Thickness)

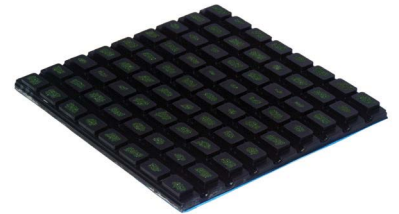
# ZEN-STAR CERAMIC PULLEY LAGGING



Ceramic lagging rubber sheet with chloroprene bonding layer is used as protective surface to improve and extend pulley life in applications for extreme conditions in wet and muddy areas. Zenith Rubber has developed high quality ceramic lagging with chloroprene bonding layer for easy and quick installation. It is applied as a lagging for drive pulleys.

Zenith's ceramic lagging is made with high quality alumina tiles, high quality abrasion resistant rubber and backed with chloroprene bonding layer.

The USP of Zenith's Ceramic Lagging is its 500mm width and 10 Meter Length.



## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup>	% (min)	mm <sup>3</sup>
Zen-Star CL	Black	1.12	70 ± 5	170	450	100-120
Zen-Star CL FRAS	Black	1.40	70 ± 5	180	500	160-170
Zen-Star Green CL	Black with Green Ceramic Tiles	1.17	70 ± 5	170	450	100-120

## DIMENSIONS

Code	Thickness (mm)	Width (mm)	Zen-Star Pulley Size (mm)
ZenaCL 5-12	12	500	5/10/15/20/up to 50
ZenaCL 5-13	13	500	5/10/15/20/up to 50
ZenaCL 5-15	15	500	5/10/15/20/up to 50
ZenaCL 5-17	17	500	5/10/15/20/up to 50
ZenaCL 5-20	20	500	5/10/15/20/up to 50

## CERAMIC SPECIFICATIONS

Aluminum Oxide Al <sub>2</sub> O <sub>3</sub>	92 % (min)
Density (g/cc)	3.65 (min)
Hardness (R45N)	77 (min)
Flexural Strength (Mpa)	240 (min)
Abrasion By Rubbing (g)	0.1 (max)

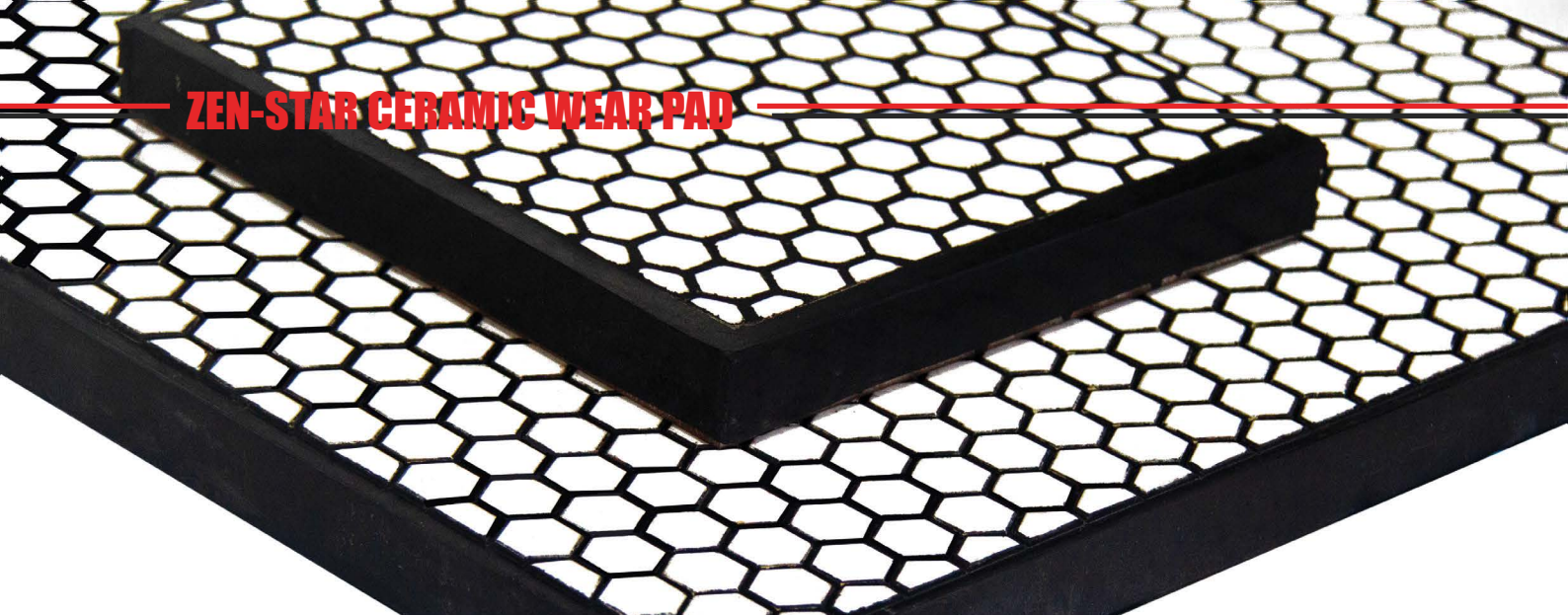
### Features

- Improves Belt Traction.
- Non-Slip Grip between Ceramic Lagging & Belt.
- Reduces Belt Slippage.
- Increases Belt and Pulley Life.
- Minimise System downtime.
- Increases Productivity.
- High Resistance to Wear.

## COMPARISON TABLE FOR CO-EFFICIENT OF FRICTION

Co-efficient of Friction	Rubber Lagging	Ceramic Lagging
Dry	0.4	0.7
Wet	0.3	0.5

## ZEN-STAR CERAMIC WEAR PAD



Zen-Star CP Ceramic wear pads are vital components in the mining industry, serving as robust solutions to combat abrasive wear and impact on critical equipment. These wear-resistant pads are crafted from high-quality ceramic materials known for their exceptional hardness and durability. They are specifically designed to protect surfaces, such as conveyor systems, chutes, and hoppers, from the erosive forces of abrasive materials like ores, coal, and minerals commonly encountered in mining operations.

### Properties

Ceramic wear pads exhibit remarkable properties, including high hardness, wear resistance, and impact resistance, ensuring prolonged equipment life under harsh mining conditions. They can effectively withstand the abrasive effects of materials while providing excellent resistance to chemical corrosion, making them ideal for diverse industrial settings.

### Applications

In mining, ceramic wear pads find extensive use in conveyor systems, chutes, feeders, and other equipment involved in material handling processes. By safeguarding these critical components, ceramic wear pads contribute significantly to minimizing downtime, reducing maintenance costs, and optimizing mining operations overall.

### TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)	mm <sup>3</sup>
Zen-Star CP	Black	1.12	70 ± 5	180	450	100-120
Zen-Star CP FRAS	Black	1.40	70 ± 5	180	500	160-170

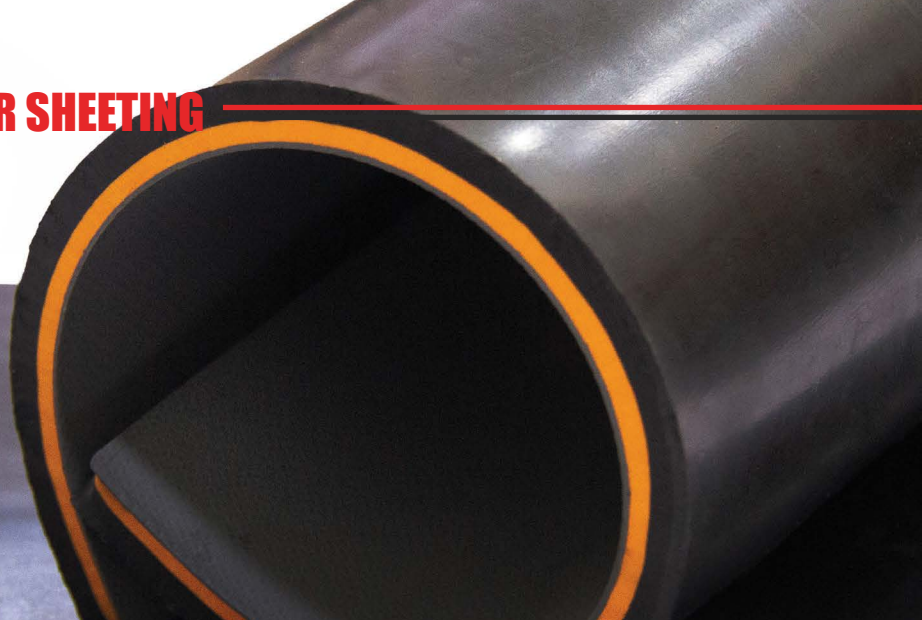
### DIMENSIONS

Code	Thickness (mm)	Width (mm)	Length (mm)
Zen-Star CP - A	8	500	500
Zen-Star CP - B	10	500	500
Zen-Star CP - C	15	500	500
Zen-Star CP - D	20	500	500
Zen-Star CP - E	30	500	500

### CERAMIC SPECIFICATIONS

Aluminum Oxide Al <sub>2</sub> O <sub>3</sub>	92 % (min)
Density (g/cc)	3.65 (min)
Hardness (R45N)	77 (min)
Flexural Strength (Mpa)	240 (min)
Abrasion By Rubbing (g)	0.1 (max)

# INDICATION LAYER RUBBER SHEETING




Abra-Line IL is a specialised wear-resistant rubber sheeting designed with an integrated indication layer to monitor wear levels.

The indication layer wear resistance rubber sheet contains a layer of contrasting color or material beneath the top surface. As the rubber sheet wears over time due to abrasion and contact with abrasive materials, the indication layer becomes visible, providing a clear visual indication of the degree of wear.

This type of rubber sheet is particularly useful in predicting and monitoring the wear on equipment surfaces, conveyor belts, chutes, and other components exposed to abrasive environments. By using these sheets, maintenance personnel can identify areas with excessive wear and plan timely replacements or repairs, thus reducing unexpected downtime and optimizing equipment performance.

## Standard Dimensions

<b>Thickness</b>	: 4 mm to 50 mm
<b>Width</b>	: 1.2 / 1.4 / 1.5 / 2 Mtr
<b>Length</b>	: 10 Mtr, 33 Ft, 11 Yard
<b>Finish Type</b>	: Fabric, Smooth, CN bonding Layer.
<b>Color</b>	

## Applications

- Skirt rubber Seal
- Drains Lining and Pipes
- Hydro Cyclones
- Tanks
- Floating Cells
- Lining of Excavator Buckets
- Slurry Handling

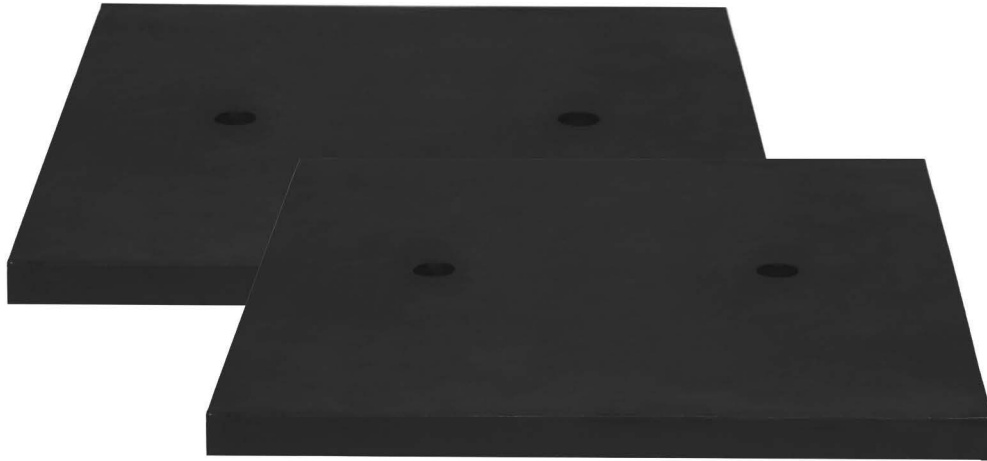
## Features

Indication layer wear resistance rubber sheets possess all the typical properties of high-quality wear-resistant rubber, including abrasion resistance, impact resistance, and flexibility. The addition of the indication layer enables proactive wear monitoring, enhancing the sheet's value in industrial settings.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)	mm <sup>3</sup>
Abra-Line IL 40	Black-Orange-Grey	1.10	40 ± 5	165	600	100-110
Abra-Max IL 45	Red-Orange-Grey	1.10	45 ± 5	150	600	110-120
Abra-Max IL 60	Black-Orange-Grey	1.15	60 ± 5	150	500	110-120
Abra-Tuff IL 65	Black-Red-Grey	1.17	60 ± 5	125	450	130-140


# RUBBER SHEETING WITH STEEL BACKING



Rubber sheets with steel backing are specialised products used in the mining industry for various applications where high abrasion resistance and impact protection are required. These composite sheets combine the benefits of rubber's wear resistance and flexibility with the strength and durability of steel.

Rubber sheets with steel backing consist of a layer of wear-resistant rubber bonded to a steel plate. The rubber layer faces the material being conveyed or handled, providing excellent resistance to abrasion and impact, while the steel backing adds structural support and strength to the sheet.

## Standard Dimensions

Thickness	: 10 mm to 150 mm
Width	: 300mm, 1 meter & 1.5 meter
Length	: 300mm, 1 meter, 2 meter & 3 meter
Color	
Steel Thickness	: 3mm to 10mm

## Applications

- Chute Liners Conveyor Belt Skirting
- Wear Pads and Impact Panels
- Installed in areas where materials like ores, rocks, coal, and other abrasive substances come into contact with the equipment surfaces.

## Features

High abrasion resistance, Impact resistance, Structural integrity, Flexibility.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)	mm <sup>3</sup>
Abra-Max Steel 60	Black	1.15	60 ± 5	150	500	110-120
Abra-Tuff Steel 60	Black	1.17	60 ± 5	125	450	130-140
Abra-Max Steel 45	Red	1.10	45 ± 5	150	600	110-120
Abra-Tuff Steel 45	Red	1.20	45 ± 5	130	500	130-140

# CONVEYOR REPAIR PATCHES AND STRIPS



Conveyor repair patches and strips are essential components used in the maintenance and repair of conveyor belts in industrial settings, including mining, manufacturing, and material handling industries. These patches and strips are designed to quickly and effectively repair damaged or worn areas on the conveyor belt, ensuring the smooth and continuous operation of the conveyor system.

Conveyor repair patches are pre-cut pieces of high-quality Natural Rubber on top featuring a strong adhesive backing layer made of Chloroprene. They are available in various sizes and shapes to match different belt repair needs. Conveyor repair strips are longer pieces of the same material, often used for larger or longer sections of belt repair.

## Properties

- **High Adhesion:** The strong adhesive backing ensures reliable bonding to the conveyor belt surface.
- **Wear Resistance:** Conveyor repair patches and strips are made from durable materials to withstand the abrasive forces of bulk materials during conveying.
- **Flexibility:** These patches and strips are flexible, allowing them to conform to the contours of the belt, ensuring a secure repair.
- **Quick Application:** Their easy-to-use design enables rapid and hassle-free application, minimising conveyor downtime.

## Applications

When a conveyor belt experiences cuts, gouges, or tears, conveyor repair patches and strips provide an efficient solution. They are applied to the damaged areas, effectively sealing the damage and restoring the integrity of the belt. This prevents further damage and extends the belt's lifespan, reducing downtime and maintenance costs.

## TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)	mm <sup>3</sup>
Abra-Patch	Black	1.12	60 ± 5	170	450	120-130
Abra-Strip	Black	1.12	60 ± 5	170	450	120-130

## ABRA IMPACT BAR



Impact bars are developed and designed for absorbing the impact damage that could occur at the material loading points of the conveyor belt.

The characteristics of high energy absorption and low friction are of prime importance to mitigate the impact at the loading areas. Impact bars are installed under the conveyor belt in the form of a cradle at the loading zones and act as an anti-friction slider bed to absorb the drop energy of material impact.

In the absence of impact bars, conveyor belts are often damaged due to the inadequate and uneven support to the belt. Zenith offers impact bars as a solution to eliminate such problems.

### Components of the Impact Bar

- Belt Contact Strip
- The top layer is made of Ultra High Molecular Weight Polyurethane offering a low coefficient of friction with the conveyor belt.
- Acts as an energy absorber for the load dropped at the material feeding points.
- Facilitates the quick mounting of the impact bar serving as fastening units & is made from an aluminium alloy
- Slot Profile

### TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)	mm <sup>3</sup>
Abra-Impact Bar	Red, Blue, Green	1.20	60 ± 5	130	450	120-130
Abra-Impact Bar	Red, Blue, Green	1.20	45 ± 5	130	450	120-130

### ABRA IMPACT BAR RANGE (HEIGHT X WIDTH X LENGTH)

50/75mm X 100mm X 1200mm
50/75mm X 100mm X 1220mm
50/75mm X 100mm X 1300mm
50/75mm X 100mm X 1400mm
50/75mm X 100mm X 1500mm
50/75mm X 100mm X 1528mm

### Benefits

- Prevents tear and puncture damage to the belt, hence increasing its operating life.
- Easy and quick installation.
- Acts as a shock absorber at loading points due to the high-quality energy absorbing rubber.
- Abrasion resistant.
- Minimum maintenance required.
- Prevents conveyor belt sagging.
- Reduction in spillage in conjunction with skirt sealing arrangement.
- Minimum friction with the belt
- Centralising effect and belt alignment.

## ABRA LIFTER BAR



A conveyor lifter bar, also known as a skirt lifter or belt lifter, is a specialised component used in conveyor systems to assist in maintaining proper material flow and prevent spillage along the conveyor belt's sides. These bars are designed to lift the edges of the conveyor belt slightly, creating a seal to contain material and minimise dust emissions at transfer points.

They help improve material containment, reduce spillage, and enhance the overall efficiency and cleanliness of the conveyor system.

### Properties

- **Durability:** Conveyor lifter bars are made from robust materials like high-quality rubber and metal, ensuring longevity and wear resistance
- **Easy Installation:** Conveyor lifter bars are typically easy to install and can be retrofitted to existing conveyor systems.
- **Effective Sealing:** By creating a seal at the transfer points, they prevent material from escaping and reduce the generation of dust.

### TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)	mm <sup>3</sup>
Abra-Lifter Bar	Black	1.12	60 ± 5	180	450	120-130

### ABRA LIFTER BAR RANGE (HEIGHT X WIDTH X LENGTH)

75mm X 50mm X 1500mm
75mm X 75mm X 1500mm
75mm X 100mm X 1500mm
100mm x 100mm x 1600mm
50mm x 100mm x 1500mm

### Application

In conveyor systems, especially in bulk material handling applications like mining, aggregate processing, and cement plants, the proper containment of material and prevention of spillage are essential. Conveyor lifter bars play a critical role in achieving these objectives by lifting the edges of the conveyor belt, providing a controlled flow path for the material.

## ABRA GLIDE BAR



Introducing Zenith's Glide Bars - the perfect solution for creating a sealed surface against the conveyor belt while providing impact absorption. Designed to be used on the sides of the conveyor belt, these glide bars offer excellent support, preventing sagging between rollers and ensuring a smooth surface for a tight seal.

With the combination of sealing systems, Zenith Glide Bars efficiently prevent dust and material spillage, maintaining a clean and safe working environment.

### Properties

Zenith Glide Bars are crafted with a unique composition of sandwiched polyurethane and rubber, securely bonded with a vulcanised aluminium profile, making them easy to fix with T-bolts. The top layer is vibrant blue, made from ultra-high molecular weight polyurethane, offering low friction and exceptional wear resistance. Beneath it, the rubber material absorbs energy, providing added protection to the conveyor belt and equipment from potential damage.

### TECHNICAL SPECIFICATION

Code	Colour	Specific Gravity	Hardness	Tensile Strength	Elongation	Abrasion
		Gm/cm <sup>3</sup>	Shore A	Kg/cm <sup>2</sup> (min)	% (min)	mm <sup>3</sup>
Abra-Glide Bar	Blue	1.12	60 ± 5	180	450	120-130

### ABRA GLIDE BAR RANGE (HEIGHT X WIDTH X LENGTH)

33mm X 200mm X 1200mm
33mm X 250mm X 1200mm
33mm X 300mm X 1200mm

### Application

These versatile Glide Bars can be seamlessly combined with impact bars on a cradle in the loading zone or, for lighter-weight applications, on a formed plate that replaces the outer rollers.

# Polyurethane Sheet



## Applications

Heavy wear applications. Scrapers, gaskets etc.

## Features

Good abrasion resistance, very high tensile strength, tear strength and load bearing capabilities. It has resistance to oils, certain solvents, greases, ozone, sunlight and weather.

## Standard Dimensions

Quality : PU Colour : Ochreous Min Temp : -40°C Max Temp : -75°C

## Standard Dimensions

PU 70 Specific gravity: 1,24 grs/cm<sup>3</sup> Hardness: 70 Shore A +/- 5 Tensile strength: 24,5 MPa Elongation at break: 450%

PU 80 Specific gravity: 1,26 grs/cm<sup>3</sup> Hardness: 80 Shore A +/- 5 Tensile strength: 45 MPa Elongation at break: 580%

PU 90 Specific gravity: 1,27 grs/cm<sup>3</sup> Hardness: 90 Shore A +/- 5 Tensile strength: 48 MPa Elongation at break: 610%

THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)	ARTICLE CODE	ARTICLE CODE	ARTICLE CODE
1	1 000	2 000	PU70 1/0	PU80 1/0	PU90 1/0
1	1 000	4 000	PU70 1/0	PU80 1/0	PU90 1/0
2	1 000	2 000	PU70 2/0	PU80 2/0	PU90 2/0
2	1 000	4 000	PU70 2/0	PU80 2/0	PU90 2/0
3	1 000	2 000	PU70 3/0	PU80 3/0	PU90 3/0
3	1 000	4 000	PU70 3/0	PU80 3/0	PU90 3/0
4	1 000	2 000	PU70 4/0	PU80 4/0	PU90 4/0
4	1 000	4 000	PU70 4/0	PU80 4/0	PU90 4/0
5	1 000	2 000	PU70 5/0	PU80 5/0	PU90 5/0
5	1 000	4 000	PU70 5/0	PU80 5/0	PU90 5/0
6	1 000	2 000	PU70 6/0	PU80 6/0	PU90 6/0
6	1 000	4 000	PU70 6/0	PU80 6/0	PU90 6/0
8	1 000	2 000	PU70 8/0	PU80 8/0	PU90 8/0
8	1 000	4 000	PU70 8/0	PU80 8/0	PU90 8/0
10	1 000	2 000	PU70 10/0	PU80 10/0	PU90 10/0
10	1 000	4 000	PU70 10/0	PU80 10/0	PU90 10/0
12	1 000	2 000	PU70 12/0	PU80 12/0	PU90 12/0
12	1 000	4 000	PU70 12/0	PU80 12/0	PU90 12/0
15	1 000	2 000	PU70 15/0	PU80 15/0	PU90 15/0
15	1 000	4 000	PU70 15/0	PU80 15/0	PU90 15/0
20	1 000	2 000	PU70 20/0	PU80 20/0	PU90 20/0
20	1 000	4 000	PU70 20/0	PU80 20/0	PU90 20/0
25	1 000	2 000	PU70 25/0	PU80 25/0	PU90 25/0
30	1 000	2 000	PU70 30/0	PU80 30/0	PU90 30/0
35	1 000	2 000	PU70 35/0	PU80 35/0	PU90 35/0
40	1 000	2 000	PU70 40/0	PU80 40/0	PU90 40/0
45	1 000	2 000	PU70 45/0	PU80 45/0	PU90 45/0
50	1 000	2 000	PU70 50/0	PU80 50/0	PU90 50/0

## DUSTSEALING PROFILES



### Standard Dimensions

Colour	: Black	Specific gravity	: 1,4 grs/cm <sup>3</sup>
Min Temp	: -35°C	Tensile strength	: 8 MPa
Max Temp	: 120°C	Elongation at break	: 300%
Hardness	: 78 Shore A+/-5		

### Applications

Minimise dust in conveyor systems and other bulk material transport systems.

### Features

Clamping profile to mount dustsealing rubber on 10 mm round steel.

DESIGNATION	DIAMETER (MM)	LENGTH (MM)	ARTICLE CODE
Clamping profile	31	25.000	DP3112
Clamping profile	31	2.000	DP3112-2
90° corner profile (internal groove)	31	210X210	DC-1
90° corner profile (external groove)	31	210X210	DC-2
90° corner profile (groove on bottom side)	31	210X210	DC-3

## DUSTSEALING

### Standard Dimensions

Colour	: Black	Specific gravity	: 1,05 grs/cm <sup>3</sup>
Min Temp	: -25°C	Tensile strength	: 20 MPa
Max Temp	: 70°C	Elongation at break	: 650%
Hardness	: 40 Shore A ±5	Abrasion	: 90 mm <sup>3</sup>

### Applications

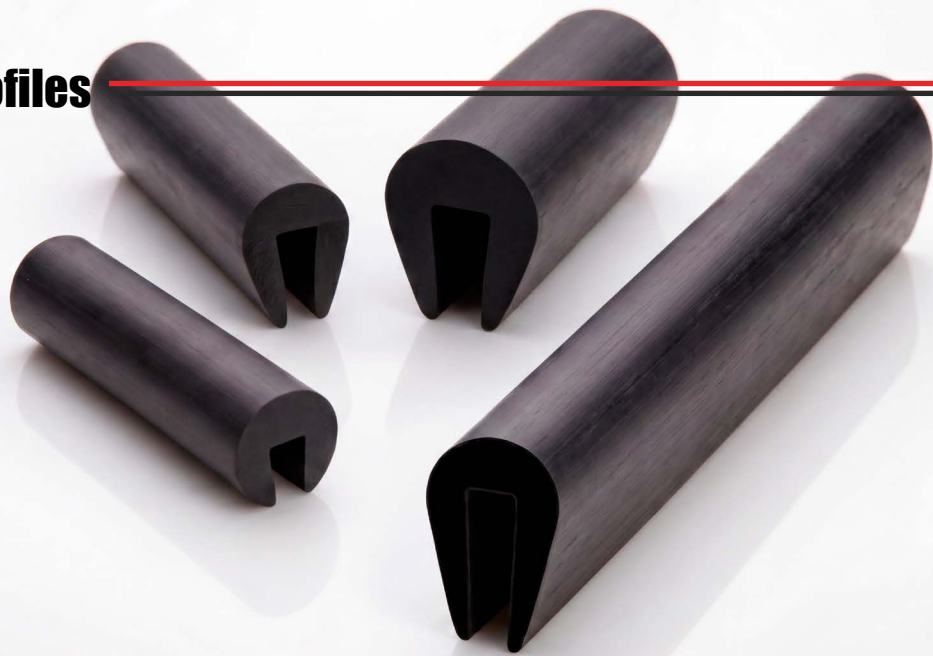
Minimise dust in conveyor systems and other bulk material transport systems.

### Features

Natural rubber quality with good elasticity, abrasion and ozone resistance.

THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)	ARTICLE CODE
2	1500mm	20.000	AB40100SP 2/0
3	1400mm	10.000	AB40100SP 3/0

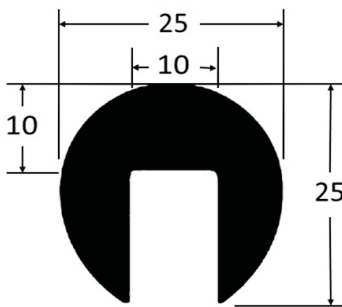
# Capping Profiles



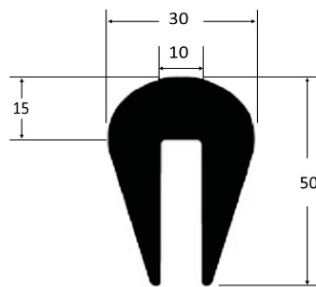
At Zenith Rubber UK, our premium capping rubber extrusions are specifically engineered for heavy-duty screening applications across the mining and quarrying sectors. Designed to act as a durable buffer, they protect both your cloth and deck frames from premature wear and damage.

We manufacture our capping profiles using a high-grade, 70° Shore A EPDM rubber compound, ensuring exceptional resistance to weathering, ozone, and natural ageing. Below, you will find our standard range of capping rubber extrusions—please reference the relevant product code when requesting a quote.

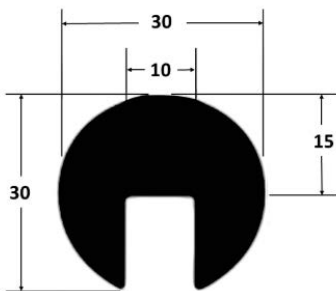
Need something bespoke? We can readily manufacture custom sizes and unique profiles to meet your specific requirements.



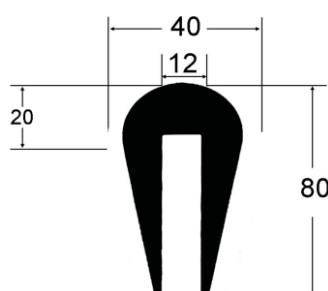
PRODUCT CODE: SM01



PRODUCT CODE: AR02



PRODUCT CODE: SM02



PRODUCT CODE: AR03

# SIDEWALLS



## Standard Dimensions

Colour	: Black	Max Temp	: 70°C
Min Temp	: -30°C	Hardness	: 60 Shore A+/-5
Specific gravity	: 1,5 grs/cm <sup>3</sup>		

## Applications

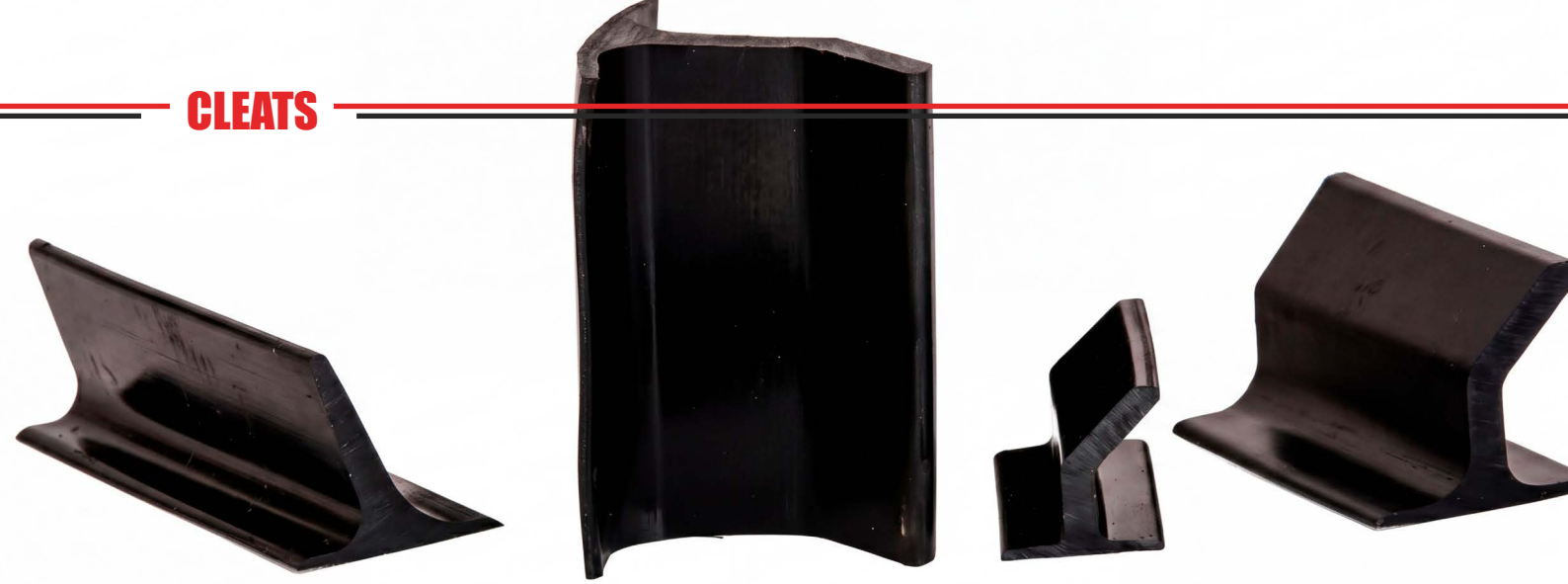
Used to contain material and prevent spillage on inclined or vertical conveyor belts

## Features

Premium rubber compound with resistance to abrasion, impact and ozone, excellent adhesion.

HEIGHT (MM)	BASE WIDTH (MM)	FULL ROLL LENGTH (M)	ARTICLE CODE
40	35	50	G40
60	50	50	G60
80	50	50	G80
100	50	50	G100
120	50	50	G120

# CLEATS



## Standard Dimensions

Colour	: Black	Max Temp	: 70°C
Min Temp	: -40°C	Hardness	: 70 Shore A+/-5

## Applications

Designed for transporting goods on an inclined conveyor belt.

## Features

Premium rubber compound with resistance to abrasion, impact and ozone, excellent adhesion.

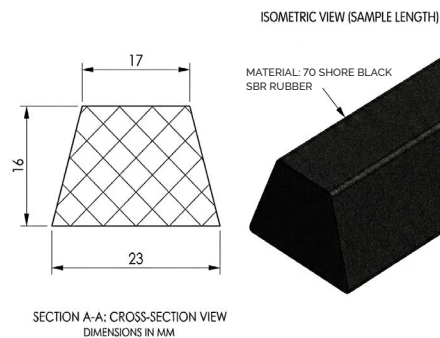
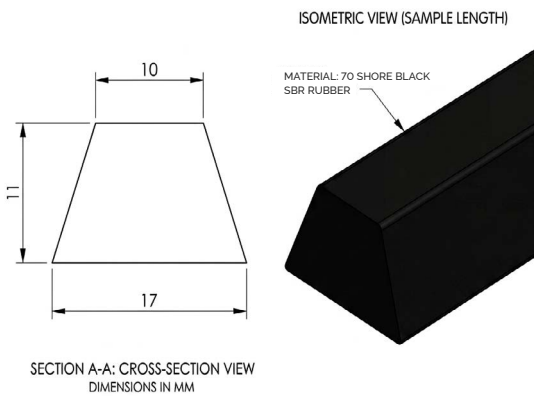
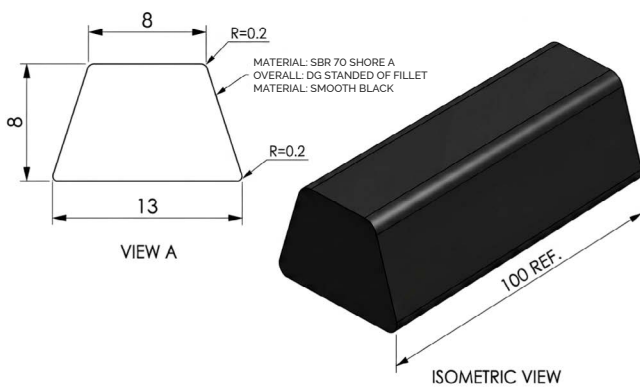
HEIGHT (MM)	BASE WIDTH (MM)	LENGTH (MM) CUSTOM LENGTHS UPON REQUEST	ARTICLE CODE
20	40	2500mm	TC20
35	55	2500mm	TC35
40	70	2500mm	TC40
60	80	2500mm	TC60
80	105	2500mm	TC80
100	110	2500mm	TC100
110	110	2500mm	TC110
25	55	2500mm	BC25
30	35	2500mm	BC30
40	80	2500mm	BC40
60	80	2500mm	BC60
75	80	2500mm	BC75
110	110	2500mm	BC110
140	140	2500mm	BC140
35	55	2500mm	SC35
60	80	2500mm	SC60
80	115	2500mm	SC80
110	105	2500mm	SC80

# Spill Edges and tracking guides for Conveyor belts

At **Zenith Rubber UK Ltd**, we leverage our specialised compound engineering to manufacture durable, highly flexible rubber guide strips. Designed for seamless hot or cold vulcanisation onto both the top and bottom of your conveyor belts, these strips provide versatile, rugged solutions tailored to your toughest operational challenges—serving as precise tracking guides, robust spill edges.

We manufacture and hold UK stock of three proprietary standard profiles engineered for maximum stability but we also hold dies for other popular designs

We also have the facilities to custom manufacture to your specific requirements.



## Mining Screen

Engineered for heavy-duty performance, our Rubber Screen Panels offer exceptional wear and corrosion resistance in wet, abrasive conditions. They also absorb vibration effectively, protecting the screen structure and extending equipment life.



# Bespoke cut parts and conveyor spares.

Our bespoke cutting service delivers precision and reliability. Whether it's a small-batch requirement for specialised machinery or large-scale production runs, we create custom cut parts from various rubber materials to your exact specifications. Fast turnaround and guaranteed performance for the most demanding industrial applications.



Including CNC Knife Cut & Water Jet Cut Parts for the Mining & Conveyor Industry



Rubber slit to your widths

Zenith Rubber UK Ltd, Unit 32 Purdeys Way, Purdeys Industrial Estate,  
Rochford, ESSEX - SS4 1ND  
Contact No : +44-(0)-1702 943006 | Email: sales@zenithrubber.co.uk

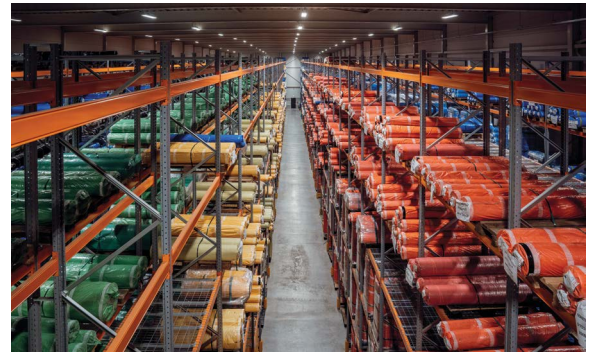


[www.zenithrubber.co.uk](http://www.zenithrubber.co.uk)



## Storage of the Product

- Storage conditions should be maintained according to DIN 7716 standards.
- Products must be stored in cool, dry places.
- Temperature should be maintained between 10°C and 20°C.
- Sheltered from the sun and free from ozone.
- Avoid contact with hydrocarbons, solvents, acids, and alkalis.



## Standard Finish and Textures

While emphasising quality and function, we have developed different looks and textures to meet various customer requirements. All textures are made using a high-embossing technique. Their heavier density characteristic also provides the products with better strength and abrasion resistance than a plain cell surface.

- Unless otherwise noted, all rubber sheeting has a standard smooth finish.
- Both sides smooth finish (Plate Finish)
- Both sides fabric finish (Nylon fabric finish, KS-61 deep fabric)
- Both sides fabric finish (Nylon fabric finish, KS-38 fine fabric)
- One side smooth, other side fine fabric finish (KS-38 nylon finish)
- One side smooth, other side rough fabric finish (KS-61 nylon finish)
- One side smooth, other side buffed finish
- One side smooth, other side CN bonding layer
- Neoprene bonding layer backing



Both sides Smooth



Fine Fabric  
(KS 38)



Rough Fabric  
(KS 61)



Buffed



Neoprene Bonding  
Layer Backing

## Product Dimension

Depending on client's requirement and area of application, we can supply rubber sheets in customised widths and length.

<b>THICKNESS TOLERANCES</b>				
Fractions Inches	Tolerances ±		Sizes	Tolerances ±
	Decimals Inches	Inches	Millimeters	Millimeters
Under 1/32"	Under 0.031	0.01	1	± 0.1
1/32" to but not including 1/16"	0.031 to 0.062	0.012	2	± 0.2
1/16" to but not including 1/8"	0.062 to 0.125	0.016	3	± 0.3
1/8" to but not including 3/16"	0.125 to 0.187	0.02	5	± 0.5
3/16" to but not including 3/8"	0.187 to 0.375	0.031	10	± 1.0
3/8" to but not including 9/16"	0.375 to 0.562	0.047	15	± 1.4
9/16" to but not including 3/4"	0.562 to 0.750	0.062	20	± 1.5
3/4" to but not including 1"	0.750 to 1.000	0.094	25	± 10%
1" and over	1.000 and Over	10%	30/40/50	± 10%
Width Tolerance	± 2%			
Length Tolerance	± 2%			