WEAR RESISTANT RUBBER SHEETING

Suitable for sand and gravel quarries, steel industry, foundries, metal industry, aggregate and cement industries, concrete plants, sawmills, food and pharmaceutical industry, agriculture, sewer cleaning, industrial waste and road maintenance.

			Rubber compound	Color	Option (bonding layer)	Density (g/cm³)	Hardness (Shore A)	Tensile strength (MPa)	Elongation at break (%)	Abrasion (mm³)	Working temperature (°C)	
High wear sheeting												
	Fine grain size material (dry or wet conditions)	**GOLDLINE PREMIUM 38**	NR R410		BL	0.96	38	29	780	50	-40	+80
		REDFINE +	NR R397		BL	0.95	35	25	700	60	- 40	+ 80
	Round grain material	**BLACKROCK +**	NR R650		BL	1.12	60	20	500	80	- 50	+ 85
	Crushed material	**ARMURITE**	NR RF20		BL	1.12	65	25	450	100	- 40	+ 70
Medium wear sheeting												
	Fine grain size material (dry or wet conditions)	**REDFINE/YELLOWFINE**	NR R492/NR R491		BL	1.05	45	16	600	80	- 40	+ 85
		BLACKFINE	NR R353			1.00	40	20	650	80	- 40	+ 70
		GREYFINE	NR R488			1.05	40	16	600	80	- 40	+ 85
		WHITEFINE	NR R320			1.00	40	20	600	80	- 40	+ 85
	Round grain material	**BLACKROCK**	NR R698		BL	1.14	60	16	450	120	- 40	+ 85
Special wear sheeting												
	Fire resistant	**BLACKFIRE**	CR C738			1.47	70	10	250	200	- 30	+ 120
	Oil resistant	**BLACKOIL**	NBR B517		BL	1.16	55	18	650	70	-40	+70
	Fire resistant & Antistatic	**BLACKFRAS**	NR R674			1.27	60	13	300	160	- 30	+ 80
	Dust sealing	**BLACKDUST**	NR R431			1.03	45	16	600	90	- 50	+ 85
	Skirting	**BLACKSKIRT**	NR R439			1.18	50	8.5	400	125	- 40	+ 70
		GREENSKIRT	NR R570			1.20	55	13	450	170	- 40	+ 80
	Scrapers	**SANDWICH**	NR R698/R492/R698	/ /		1.15	60/45/60	15	400	130	- 40	+ 85

Trelleborg leverages in-depth materials and applications expertise with early market insights, making the Group a world leader in engineered polymer solutions. We offer a unique portfolio covering a broad range of applications – even the most complex ones.

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Rubber Sheeting & Pipe Expansion Joints

Engineered protection for demanding industrial environments
In mining, quarrying, aggregates and heavy industry, wear is unavoidable; but downtime, safety risks and excessive maintenance costs are not.

Trelleborg delivers engineered wear resistant rubber sheeting that protects critical equipment, extends service life and performs reliably in the most abrasive, high impact environments, in both wet and dry conditions.

Built on materials expertise. Proven in the field.
Trelleborg's wear resistant rubber sheeting portfolio is engineered to address a wide range of wear mechanisms including abrasion, impact, erosion and corrosion across equipment such as chutes, hoppers, cyclones, silos, tanks and transfer points.

Solutions range from high and medium wear grades to special compounds with properties including FRAS, oil resistance and suitability for specific industrial requirements.

Each solution is designed to deliver longer service life, improved safety and lower total cost of ownership.

More than rubber sheeting: a complete wear protection approach
Complementary solutions such as TopLiner self attaching linings and Teguflex® expansion joints complete a coherent wear protection system, supporting safer maintenance, faster installation and reduced downtime.

Clear technical data and application guidance help you quickly select the right solution: maximizing uptime, improving safety and lowering total cost of ownership.

REACH compliant | RoHS compliant | ISO 9001 | ISO 14001 | ISO 45001

GOLDLINE PREMIUM 38

PREMIUM wear resistant

Premium wear resistant natural rubber.

APPLICATIONS
General mining, mineral processing, sand and gravel quarries, aggregate and cement industries and concrete plants.

ADVANTAGES
Superior mechanical properties: tensile strength, elongation at break, tear resistance, abrasion.
Excellent resistance to fine grain size products projection and fretting wear: sand, shot blasting, fine particles or abrasive dust.
Great flexibility and resilience.
Corrosion protection.
Noise and vibration propagation reduction.

Possibility to be produced with bonding layer for cold vulcanizing.



BLACKFRAS

Fire-resistant and antistatic rubber sheeting for underground abrasive applications.

APPLICATIONS
Used for skirting, curtains, seals, gaskets, pads, mounts, sleeves, insulation and isolation components across underground mining, mineral processing, construction, manufacturing, automotive, oil & gas, and industrial ventilation systems.

ADVANTAGES
FRAS rubber offers reliable fire-resistant and anti-static protection, rapid self-extinguishing behavior, safe dissipation of static electricity, strong mechanical durability, excellent abrasion resistance, and consistent performance in harsh, high-risk industrial and mining environments.

REGULATIONS
TRG3608 (Technical Reference Guide 3608) - Non-metallic materials for use in underground coal mines and reclaim tunnels in coal mines.



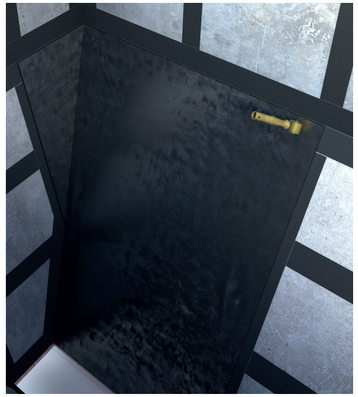
TOP LINER® SELF-ATTACHING LINING

Up to 85% time savings in initial setup and 88% in replacements.

Top Liner® is Trelleborg's high wear-resistant rubber sheeting combined with an innovative fixing system, which uses a hook-and-velour concept similar to textile fasteners.

APPLICATIONS
Designed for industrial equipment that requires wear protection, such as chutes, hoppers, mills, transfer points, and other surfaces suffering abrasion.
Its modular plate system allows partial replacements, making it ideal for installations that face frequent localized wear.

ADVANTAGES
Fast installation & replacement.
Safer working conditions.
Lower downtime.
Clean, controlled maintenance.



BLACKOIL

oil resistant

Antiabrasive rubber sheeting with an outstanding oil resistance.

APPLICATIONS
For installations where abrasion resistance and oil resistance are both required.
Waste treatment plants.
Squeegees for scrubber machines.

ADVANTAGES
It combines excellent oil and grease resistance with remarkable mechanical properties: tensile strength, elongation at break, tear resistance, abrasion.

Possibility to be produced with bonding layer for cold vulcanizing.



BLUE TEGUFLEX® EXPANSION JOINTS

Teguflex® pipe expansion joint for abrasive fluids.

Teguflex®, a leading brand for rubber expansion joints, offers solutions for your pipe system regarding thermal elongation, misalignments, vibrations, and noise reduction.

APPLICATIONS
Abrasive materials: slurry, sand, calcium and other suspended solid particles.

ADVANTAGES
Compensate thermal elongation.
Isolate vibrations and absorb pressure surges.
Correct misalignments.

DIMENSIONS

Building Length	Nominal Diameter
P TYPE (BL 130)	DN 25/32 - DN300
W TYPE (BL 150/200)	DN 25/32 - DN600

