



MALOLLAN INT. LTD.

Quality Service & Excellent Solutions



***The Reliable Construction,
Industrial & Mining Supplier***

MALOLLAN COMPANY LTD.

“A Trusted Source for all your mining needs!”

We have Solutions for all Industries

Mining

Quarrying

Construction

Industrial

Oil

Gas

Marine

Power Equipment



About Us

Malollan Company Limited is a registered multinational firm which provides reliable services in the supply of mining, construction and industrial equipment with superior technical support after sales.

With over 15 years' experience in the supply chain business, we know the exact products that are needed for industrial efficiency and effectiveness.

We represent top companies who engage in the manufacture of various industrial safety, construction and mining equipment across the globe. We have earned a huge reputation in the supply of top quality products in our field of operation, making us the number one choice for clients in the West African sub – region and beyond. Our main aim is to focus on representing manufacturers and providing local support in Africa, especially Ghana by being a One stop supplier for all equipment and material needs for local and regional cooperates as well as small and medium scale enterprises in the Construction, Industrial & Mining industries.



Our Promise

We Guarantee customers an outstanding product quality and offer a variety of unique service advantages.

CONVENIENCE | ONE-STOP SHOPPING

We are the first service partner in the bulk goods industry that offers best African quality and also international well-known brand from all over the world.

AVAILABILITY | DELIVERY TIME IS CRUCIAL

We invest in inventory stocks throughout the world to guarantee a quick delivery. Currently a stock of common products located in Ghana exceeds 5,000m of conveyor belts. Even when products are not available on stock, Malollan will push the production to help its customers to realize the fastest delivery time possible no matter where you're- Asia, Europe or North America.

RELIABILITY | TRUST IS A TWO-WAY STREET

An extensive guarantee helps customers to switch suppliers and to sleep well. Whenever customers are dissatisfied with the service, Malollan takes the common products back – even within 100 days after delivery.

PROMPTNESS | TIME MATTERS

Malollan's 24 hour policy guarantees customers to get the best quote on your inquiry within twenty four (24) hours no matter what.

COMPETITIVENESS | EVERY DOLLAR COUNTS

We understand and offer customers a fair value for money. Malollan operates with flexible payment terms, usually payment is made after products have been received by the client. Malollan is the first service company that has international bank accounts in nearly all continents. This ensures our clients save unnecessary bank charges and makes business operations more convenient.

“We aspire to be the best and most respected in the industry throughout the world”

Quality Control

Quality is Malollan's highest priority. Therefore all factories need to follow strict quality regulations. Besides the certification process, our two-step quality control system is applied for each and every order.

As soon as an order is confirmed and production has started, our professional Quality Control staff will be sent to the factory. The first production outcome is regularly checked, especially the surface quality. Samples are taken home to the Malollan Laboratory. A second sample is tested at the production facilities, and if both tests are within the required quality, production continues. If any irregularities are found, the cause will be investigated and corrected.

A continuous checking of the surface quality as well as the packing and loading is mandatory and

guaranteed by Malollan's Quality Control system.

All noticeable problems will be reported and provided to the client, including a detailed list and photos. Malollan supplies a testing report/technical data sheet for all products.

We allow an analysis by two independent laboratories; an outstanding service in the industry.

“Malollan's two-step Quality Control system and its own Quality Control staff guarantee highest quality for all its products.”

Our Products

**WE ARE A ONE-STOP
SUPPLIER FOR ALL
EQUIPMENT AND MATERIAL
NEEDS FOR
LOCAL AND REGIONAL
COOPERATES!**

Conveyor Belts

Malollan accredited conveyor belts for all mining and Industrial application are engineered from the best quality materials.



Our range of belts to match your application includes;

- Textile Conveyor Belts
- Chevron Conveyor Belts
- Rough Top Conveyor Belts
- Corrugated Sidewall Conveyor Belts
- Pipe Conveyor Belts
- Bucket Elevator Conveyor Belts
- Rip Stop Conveyor Belts
- Fire Resistant Conveyor Belts
- Abrasion Resistant Conveyor Belts

- Oil and Fat Resistant Conveyor Belts
- Heat Resistant Conveyor Belts
- Cold Resistant Conveyor Belts
- White Conveyor Belts
- Filtration Belts
- Magnetic Separator Belts
- Steel Cord Conveyor Belts
- Solid Woven Conveyor Belts (PVC/PVG)
- Self-Cleaning Conveyor belts
- SW & CFW Conveyor Belts
- Aramid Conveyor Belts
- Light Duty Conveyor Belt

**Accredited for all
Mining and
Industrial
application!**

Helmitin Cold Bonding Systems

Malollan offers the entire product family of Helmitin® cold bonding systems; e.g. Helmitin® 14030. This glue system is an absolute highlight as the applied solvent is non-flammable but nevertheless trichlorethylene-free.

Moreover, it may be used beyond the year 2016 according to EU directive in comparison to similar products which may not be used any further.



Helmitin Cold Bonding Systems

TECHNICAL DATA Helmitin* 14030

base	polychloroprene
colour	black
viscosity	approx. 3700 mpas*
density	approx. 142 g/cm ²
hardner additive	5 % swift® hardener (hardly combustible)
pot life	approximate 3 hours
manner of application	filler, paintbrush
consumption	300 – 400 g/m ²
airing time	10 -15 minutes
contact bonding time	approximate 30 minutes
setting time	approximate 24 hours
permitted storage time	approximate 12 months
storage and transport conditions	well closed at temp not below 10°C
sensitivity to cold	yes, defrostable
flammability	no, hardly combustible
labeling in accordance with harzadous substances ordinance	XAN

The products of the Helmitin® family are stock goods and can be ordered in the following container sizes

	name of product	product characteristics	article no	containers
glue	Helmitin® 14030	hardly inflammable, trichloroethylene-free	33-050-00001-100	1 kg container
			33-050-00003-100	3 kg container
	Helmitin® 14021	hardly inflammable with trichloroethylene	33-050-00001-200	1 kg container
			33-050-00003-200	3 kg container
	Helmitin® 14026	flammable with benzene	33-050-00001-300	0.6 kg container
			33-050-00002-300	2.5 kg container
hardener	Swift* hardner 49502	hardly inflammable for Helmiton® 14030 and 14021	33-050-00001-400	50 g bottle
			33-050-00002-400	150 g bottle
	Swift* hardner 49503	flammable for Helmiton® 14026	33-050-00001-401	50 g bottle
			33-050-00002-401	150 g bottle
primer	Swift* prime 2903	metal primer	33-050-00001-500	0.7kg container
cleaner	Helmiton® 691	not inflammable with trichloroethylene	33-050-00007-600	6.5kg container
	Helmiton® 676/2	flammable trichloroethylene-free	33-050-00004-600	4kg container

Wear Protection

Malollan Wear 38

It's a premium quality natural rubber compound with outstanding technical characteristics such as resilience, strength and resistance to cutting, tearing and abrasion. It has a great wear resistance especially where larger product parts like minerals and ores are processed. Malollan38 can be tailor-made to clients' requests. The standard sheet size is 9.25m x 1.23m nominal (approx. 30ft x 4ft), and the available thickness ranges from 3.0mm to 35mm (approx. 1/8" to 1 3/8").



TYPICAL PHYSICAL PROPERTIES			
Measured Characteristics	STANDARD	VALUE	
Polymer Type		Nature Rubber	
Specific Gravity		0.96	g/cm ³
Hardness (IRHD)	ISO 48-1994	38	Shore A
Tensile Strength	ISO 37-2005	≥ 24	MPO
Elongation at Break	ISO 37-2005	≥ 830	%
Tear Strength	ISO 34-2004	≥ 44	N/mm
Resilience	BS903	83	%
Abrasion Resistance (dry)	ISO 4649	≤ 60	mm ³
Abrasion Resistance (wet)	DIN 53516	≥ 90	%
Compression set after 22h at 70°C	ISO 815-1	≤ 30	%
Operating Temperatures		-40 /+70	°C
Color		Amber / Red/ Natural Tan	

MALOLLAN WEAR 60

Malollan60 is a heavy-duty problem solver for rough material handling applications. It is a blend of natural and butadiene rubber, designed to provide the toughness required to handle materials in difficult applications, where high level of impact and abrasion exist. It performs best in most mining and mineral processing applications.

The combination of high resiliency and resistance to deformation makes Malollan60 the ideal solution in handling coarse-grained materials. In addition to outstanding wear performance, the resiliency and flexibility of the rubber compound enhances the flow of fine-material when mixed with larger product particles. Malollan60 is designed to be an integral part of the conveying systems. It protects the chute and transfer points.

Malollan60 can be tailor-made to clients' requests. The standard sheet size is 9.25 m x 1.23 m nominal (approx. 30ft x 4ft) and the available thickness ranges from 3.0 mm to 35 mm (approx. 1/8" to 1 3/8").

- Exceptional wear and tear resistance
- Highest flexibility for a hard rubber compound
- Excellent resistance to cutting by sharp edged products
- Good wet abrasion resistance



Wear Protection

APPLICATION

- Hose linings: Malollan60's unique cut/tear and abrasion resistant properties make it an ideal compound for a broad range of applications.
- Screen panels: Malollan60's superior resilience minimizes plugging and blinding.
- Skirting Rubber: Malollan60's unique combination of features makes it ideal for skirting rubber applications.
- Abrasive environments where sticking and/or build up are major issues.

MALOLLAN N55

MalollanN55 is a nitrile-based rubber compound, specifically designed to operate in oily- and chemically-aggressive environments. Due to its special rubber compound an operating temperature of up to 110°C (230°F) is guaranteed as long as suitable adhesives or mechanical fixing is applied.

- Resistant to mineral/vegetable oils
- Resistant to chemicals, greases and aliphatic hydrocarbons
- Excellent resistance to high temperature, thermal aging and fatigue
- Good resistance to wear
- Low permeability to gases

SKIRTING GRADES AND SCRAPERS

The installation of these special wear-resistant rubber materials reduces risk of operational breakdowns. It helps industries that handle highly abrasive materials to combat wear, noise and dust.

SKIRTING RUBBER

It is used for protecting the conveyor side, tranquilizing the material flow and for sealing the feeding point. Skirting rubber avoids the drop-down of material in the system periphery. Various qualities of skirting rubbers are available; the thickness ranges from 4mm to 35mm.

BELT SCRAPERS

Combi-scraper rubber for granulated and washed materials is designed to clean the conveyor belt in a very economic and reasonable way. They are made of rubber in the combination hard-soft-hard. The hard surface allows the rubber to clean the belt, the soft inside supports to balance vibrations to clean efficiently. Various qualities rubber are available. The thickness ranges from 20mm to 30mm.

SNOW SCRAPERS

Malollan has a wide range of combined rubber bands to cover snow trucks scrapers, which increase road maintenance quality. Various dimensions and qualities of snow-scrappers are available.



Conveyor Rollers

CONVEYOR ROLLERS

They are an important part of the entire conveyor belt system. Malollan rollers are characterized by a low rolling resistance, a very small quantity of radial vibration as well as an excellent performance of balance. These features lead to energy saving, a very low noise even at high speed, and therefore to economic and environment-friendly conveying operations. It can be fabricated according to DIN, AFNOR, CEMA, BS, FEM, JIS and many other international standards with different type of shaft end.

CARRYING ROLLER

Usually working as roller sets in different angle, the rollers help to balance the belt and ensure the troughing. The carrying rollers are the most common roller type in a belt conveyor system.

RETURN ROLLER

Guarantees the stability of a belt in the lower run of the conveyor belt.

GUIDE ROLLER/SIDE ROLLER

Also called side rollers protect the belt from deviation, usually designed with only one side spindle fixed to the

DISC ROLLER

A special type of return roller also called clean roller, covered with sharp edge rubber discs, spaced in the middle area of the roller to clean the sticky material on the belt cover, and flat rubber discs at both ends of the roller, which protects the belt edge from damage.

IMPACT ROLLER

A special type of carrying roller fully covered with flat rubber discs that absorbs impact energy at the loading point when bulk material is dropping.



Mallolan has unparalleled expertise in the distribution of bearings and power transmission products which are available from one single source thus providing the trade, OEMs and after market industries 24 hours a day, 365 days a year!

Bearings

We offer from stock a full range of bearings including Ball, Angular contact, Self-aligning, Cylindrical roller, Spherical roller, Needle roller, Taper roller, High precision, Cam rollers, Support rollers, Sleeves, Thrust, Linear, Duplex and Ball bearing units all in metric and imperial sizes. If required, we will source bearings from the diversity of our worldwide supplier base.

DEEP GROOVE BALL BEARINGS

Single row deep groove ball bearings are the most popular bearing type to be found in a wide range of operating conditions, from the simplest to the most complex. Available in single and double row designs and in open and sealed variants deep groove ball bearings are versatile, self-retaining bearings with solid outer rings, inner rings and ball and cage assemblies.

Open bearings are suitable for high to very high speeds. Bearings with the suffix 2Z have metal gap shields on both sides and are suitable for high speeds. Bearings with the suffix 2RS have lip seals on both sides and are suitable for moderate speeds.

TAPERED ROLLER BEARINGS

Considering the performance demands placed on tapered roller bearings, it's rather amazing how simple the basic design really is. Tapered roller bearings minimize friction because of the inter relationship of the bearing's four basic parts, the arrangement consists of solid inner and outer rings with tapered raceways and tapered rollers with cages. Tapered roller bearings can support axial loads, they must normally be axially adjusted against a second bearing fitted in a mirror image arrangement. Available in single row, double row and four row configurations.

SPHERICAL ROLLER BEARINGS

Spherical roller bearings are double row self-retaining bearings comprising solid outer rings with a concave raceway, solid inner rings and barrel rollers with cages. Spherical roller bearing inner rings have cylindrical or tapered bores.

NEEDLE ROLLER BEARINGS

Needle roller cage assemblies can be single or double row units comprising cages and needle rollers. They are capable of very high loads, suitable for high speeds and are very easy to fit.

Drawn cup needle roller bearings are available with open ends and closed end. They comprise thin-walled, drawn cup outer rings and needle roller and cage assemblies, which together form a complete unit.

Machined needle roller bearings are available with or without ribs, inner ring and in single or double row designs. Bearings without an inner ring are the best solution for arrangements where the shaft can be hardened and ground, bearings with an inner ring are used if the shaft is not configured as a rolling bearing raceway.

CYLINDRICAL ROLLER BEARINGS

Various designs are available including single row with cage, high precision double row, low friction, full complement single and double row with or without snap rings.



BELTS AND PULLEYS

Bearing King supply a wide range of belts and pulleys both in taper and pilot bore for every application, our range of belts include classical V, Wedge, Timing and Agricultural automotive applications.



Bearings

CHAINS AND SPROCKETS

Our extensive range of chain which includes Roller, Leaf, Conveyor and Agricultural is available in a wide range of manufactures in European and ANSI American standard. Our sprocket range includes both taper and pilot bore in simplex, duplex and triplex options.

TAPER BUSHES

For tapered pulleys and sprockets, you need taper bushes and we stock both metric and imperial sizes at the right price.



BEARING BUSHES

A wide range of oil impregnated bearing bushes plain and flanged are available in metric and imperial sizes.

CASTORS AND WHEELS

Whether it be for the industrial, medical or food market, Bearing King can offer a range of nylon, cast iron and polyurethane wheels and castors with single bolt hole or top plate mountings braked or unbraked.

SEALS AND CIRCLIPS

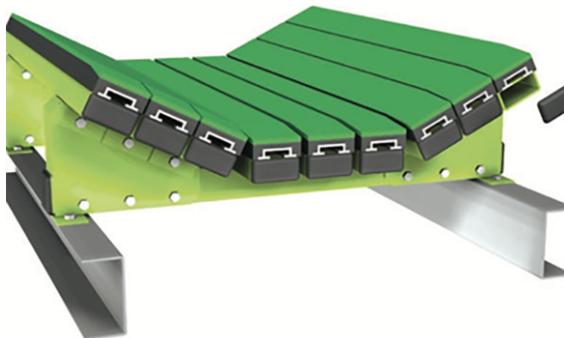
A comprehensive range of rotary shaft seals are available in R21, R23 and R4 lip arrangement styles both metric and imperial sizes. Non-standard sizes can be made to order upon request. A full range of orings, oring cord and circlips are also available.

BEARING TOOLS

Bearing King offers the ultimate name in pulling power "KUKKO" the biggest worldwide product range which covers all possible problem formulations in industry.

Impact Bar

Impact bars are specially designed to protect a conveyor system from impact harming. They are widely used at the conveyor's loading point, when high levels of energy absorption is needed and low friction drag is desired.

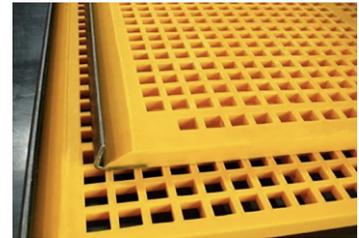


Due to easy installation, Malollan impact bars replace the conventional idler sets. The top cover is made of an UHMWPE (Ultra High Molecular Weight Polyethylene), which gives Malollan impact bars a very low friction top surface. The middle part is of a high-quality energy absorbing rubber that acts as a shock absorber at the loading zones of conveyor installation. Compared to traditional impact rollers, Malollan impact bars also prevent effectively bulk material from spillage, if the conveyor system is also equipped with Malollan dual sealed skirting rubber.

Impact Bar

SCREEN WIRE MESH

Malollan's standard is 55mm, 75mm and 100mm thickness and 500mm to 1800mm length. Special size can be custom-made by request. The polyethylene cover is available in various colours such as green, red, white, blue or black. Besides for general applications, Malollan has developed anti-static and fire-retardant impact bars for underground mining or other explosive environments.



Belt Fasteners

BELT FASTENERS

Belt fasteners are an excellent way to make belt

BOLT HINGED

For belts operating over smaller pulleys – such as in construction equipment and road machinery, Malollan bolt hinged fasteners are strong, dependable and easy-to-install.

RIVET HINGED

Designed for rubber plied, PVC solid woven belting and for worn belts unfit for vulcanized splices, Malollan rivet hinged fastener features a low profile that significantly reduces the fastener's exposure to cleaner blades, skirt rubber, and return idlers. The staggered rivet pattern also provides maximum holding ability by

BOLT SOLID PLATE

Malollan bolt solid plate fasteners are engineered to meet the demands of the toughest material-handling applications. They are commonly used on higher-tension main-haulage belts used for highly abrasive materials such as sand, gravel, and crushed stone, as well as coal, cement and salt.

RIVET SOLID PLATE

The heavy-duty rivet solid plate fastener system is recommended for the most demanding high-

tension applications. The staggered, multiple-point attachment delivers long-lasting holding ability for mechanical ratings up to 800 PIW (140 kN/m).

ELEVATOR BELT FASTENERS

A proper belt clamp will result in more reliable equipment operation, less downtime, and longer life time of the elevator belt. Malollan elevator belt fasteners are able to offer a high degree clamping force during equipment operation in various working environment.

Product Overview:

Belt Fastener

Portable Vulcanizing Press

allowing the rivets to pass between the carcass fibers without damaging them.



Adhesives

If you want industrial lubricants and anti-seize products, surface preparation and rust prevention solutions, fibre or metal-based fillers and repair compounds, Bearing King has the solution.

LOCTITE

Henkel's LOCTITE brand is the trusted choice for engineered, high-performance adhesive, sealant and coating solutions. Designed to enable customer innovation, increase reliability and improve manufacturing operations, the LOCTITE expansive product portfolio offers solutions for the most demanding industry applications.



Cleaning



Cyanoacrylate
Instant Adhesives



Gasketing



Maintenance



Thread Sealing



Threadlockin



Retaining



Surface Treatment

HDPE GEOMEMBRANES

Malollan smooth HDPE geomembrane liner is widely used for canal, aquaculture, irrigation ponds and remediation liners, other liner applications include landfills, waste water treatment lagoons, oil and gas exploration, power plants, etc.

AQUACULTURE

Geomembrane liners can be used as fish ponds, shrimp pond and other aquacultures.

LANDFILLS

Bottom landfill liner, landfill sealing cover, leachate regulating pool liner, etc.

WATER TREATMENT SYSTEM

Smooth Geomembrane is applied to the adjustment of the power plant and sewage treatment pool or water treatment system.

MINING

HDPE Geomembrane is applied for mining industry as washing pool, pool heap leaching, heap yard, dissolving tank, storage tank, the bottom of the tailing seepage control, etc.

OTHER APPLICATIONS

Environment protection and sanitation, water conservancy, municipal projects, landscaping, petrochemical industry, salt industry, agriculture, etc.

SMOOTH GEOMEMBRANE HDPE LINER FEATURES



- Excellent chemical resistance
- Outstanding stress crack capacity
- Lowest permeability
- Excellent UV resistance
- Stable low temperature embrittlement resistance
- Complete width and thickness specifications
- Cost effective
- Proven performance
- Fast deployment
- Easy transportation
- Meets or exceeds all aspects of GRI GM13

Equipment Logistics Services

**WE ARE WELL RESOURCED
TO PROVIDE QUALITY
END TO END SERVICES.**

Transport & Logistics

Malollan Transport & Logistics is Specialized in handling and disposing of hazardous & non-hazardous goods. We focus on quality and our ability to provide end to end logistics solutions. We provide valuable solutions to all our clients. As each project has its own requirements, we design individual specially customized service packages - even for unusual tasks.



Malollan Transport Logistics works with Mining Companies, Construction Companies, Freight Forwarders , Shipping Lines and Oil & Petroleum Exploration Companies in Ghana, West Africa and across the globe.

We pride ourselves in our technical know how, man power, equipment, structures and wealth of experience gained working in the industry over the years and with a wide variety of clients and unique requirements.



Your Trusted Logistics Partner - We are well spread to provide logistics services from and to any part of the West African Sub-Region

Equipment Services & Rental

At Malollan Equipment Services & Rental (MESR), we standardise on equipment in our rental plus we have back-up from our machine suppliers ensuring continuous machine availability to clients. We also have trained and experienced Operators with high level of health safety standards.

Rental Equipment Speciality

Articulated Haulers (Tow Tractors) and Tractors with grid rollers / scrapper

Dozers

Excavators

Front End Loaders

Graders

Rollers

Tipper Trucks

Tractor Loader Backhoes

Water Bowsers

Wheeled Dozers

Compressors



Equipment Services & Rental



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