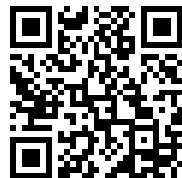

This is a reproduction of a library book that was digitized by Google as part of an ongoing effort to preserve the information in books and make it universally accessible.

Google™ books

<https://books.google.com>





Brit. 560, 2011-1

IMPORTANT TO THE ARMY AND NAVY.



Bayerische
Staatsbibliothek
München

THE GUTTA PERCHA COMPANY

Have pleasure in drawing the attention of the

Commanding Officers of Regiments TO THE FOLLOWING LETTERS.

The severe and perfectly successful test to which Gutta Percha Soles have been subjected by **EIGHT HUNDRED HEALTHY BOYS**, who are constantly engaged in gymnastic and other active exercises, both on duty and whilst at play, on the rough gravelled ground, attached to the Greenwich Hospital Schools, affords **convincing proof** of the durability of Gutta Percha, and its superiority to leather for Shoe Soles.

Gutta Percha being a perfect repellent of wet, and a non-conductor of heat or cold, these Soles keep the feet warm in cold weather; and their use must consequently promote the comfort and health of the wearer.

From the ease with which Gutta Percha Soles can be applied or repaired, they cannot fail to render important service to Regiments during the long marches to which they are subject.

From **LIEUT. ROUSE, R.N.** Superintendent of the Greenwich Hospital Schools.

Greenwich Hospital Schools, July 16th, 1850.

I have for the last three years worn Gutta Percha Soles, and from the comfort experienced in the wear generally, particularly in regard to dry feet, and also in durability and consequent economy, I was induced to recommend the Commissioners of Greenwich Hospital to sanction its use in this Establishment, instead of leather soles. It has now been six months in general use here, so that I am, from experience in the wear and tear of Shoes for **EIGHT HUNDRED BOYS**, able to speak with confidence as to its utility, which in my belief is very great; and I am looking forward to its being the means during the next winter, of preventing **CHILBLAINS**, from which we have greatly suffered.

I have much pleasure in giving this testimony, and you have my permission to make it as public as you please, in the belief that it cannot but be doing good.

TESTIMONIALS—PATENT GUTTA PERCHA SOLES.

From **LIEUT. COL. F. R. BLAKE, 33rd Regiment.**

Newcastle-upon-Tyne, July 16th, 1850.

In reply to your letter requesting my opinion with regard to Gutta Percha Soles, I have great pleasure in informing you that I have made particular enquiries on the subject from those Soldiers of the 33rd Regiment, who have worn them during the past year, and they decidedly give the preference to the Gutta Percha Soles, both for comfort and durability. I have also constantly worn them myself, and can therefore speak from my own knowledge of the superior advantages of Gutta Percha Soles.

From **JOHN TAYLOR GORDON, Esq., M.D., London.**

(Heretofore Physician to his late Majesty, and to H.R.H. The Duke of Cambridge, but now retired.)

In reply to your late note of inquiry as to my opinion (after considerable trial) of the Gutta Percha Soles, I have no hesitation in stating that I find them the pleasantest wear imaginable,—more durable than leather, if properly applied, and truly valuable on the score of health, as they preserve the feet from wet and cold—of such importance to all persons of delicate constitution, or advancing in years.

I consider they must be most beneficially adapted for our Sailors and Soldiers, as well as our colonists in Canada, &c.

From **JAMES T. O. JOHNSTON, Esq., M.D.,**

Surgeon, 33rd Regiment, Berwick-on-Tweed, January 10th, 1850.

Being at all times anxious to increase the comforts, and also preserve by every means, the health of the Soldiers under my medical charge, my attention was applied to the subject of Gutta Percha Soles, and I can now state with confidence, from a trial in some instances of two years, and in others for a shorter period, that they have proved exceedingly useful in preserving the feet from damp and cold, and at the same time being in no way injurious to the general health of the wearer.

This winter (1849-50), all the Soldiers of the 33rd Regiment are supplied with Gutta Percha Soles from the Regimental Stores.

From **CAPTAIN SIR JOHN ROSS, R. N.**

I have worn Patent Gutta Percha Soles during the last two years, and have found them most valuable for preserving the feet dry and warm. They are very superior to leather, being not only perfectly waterproof, but also more durable and cheaper.

To Sailors—especially those proceeding to the Arctic Regions, Gutta Percha will prove a WARM FRIEND owing to its peculiar power of resisting frost. I shall take care to have a supply, not only of the Soles, but also of the Bowls, Tubing, &c., for my next Voyage.

From **COLONEL STARLING, Norwich.**

Norwich, June 9th, 1850.

SIRS,

I have worn the Gutta Percha soles to my boots and shoes for the last two years, and think them more durable, and in every respect superior to leather soles.

Yours' obediently,

P. STARLING.

The Gutta Percha Company, Patentees, Wharf Road, City Road, London.

PUBLIC HEALTH.

The Gutta Percha Company have the pleasure to own the receipt of the following Letter from

DR. MURRAY, OF HULL.

PORTLAND PLACE, HULL,

March 28th, 1850.

(Copy.)

Gentlemen,

It is impossible to conceive of any thing more injurious or destructive to the health of the community, than the use of leaden pipes for the conveyance of water. The poisonous Salts of Lead thereby communicated, are most insidious and subtle. I hail with gratitude the substitution of Gutta Percha Tubing. I have had the leaden pipe of my own house removed, and supplied by one of Gutta Percha. Nothing can be better. I have also recommended it to others, who have adopted the expedient.

I am, respectfully,

Gentlemen,

Your obedient Servant,

J. MURRAY, PH. D.



18, WHARF ROAD, CITY ROAD, LONDON.

GUTTA PERCHA FOR STOPPING WOOD.

The Gutta Percha Company have been favoured with the following letter from

R. J. HOOD, ESQ.,

ENGINEER TO THE

**LONDON, BRIGHTON, & SOUTH
COAST RAILWAY.**

London, Brighton & South Coast Railway,

ENGINEER'S OFFICE,

June, 18th, 1850.

(Copy.)

In reply to yours of the 17th, I beg to inform you that the whole of the timber viaduct on our Branch, from New Cross to Deptford, was knotted and stopped with a preparation which was said to be a **solution of Gutta Percha** in Naphtha; and that, **although exposed to the heat of two summers, it has answered the purpose most satisfactorily**

I am, Sir,

Yours' obediently,

R. JACOMB HOOD.

The Gutta Percha Company, Patentees, Wharf Road, City Road, London.

GUTTA PERCHA
FOR
STARCH MAKERS' FRAMES

*The Gutta Percha Company have been favoured with the
following letter from*

R. G. TUCKER, ESQ.

LENTON, NOTTINGHAM,

August 5th, 1850.

GENTLEMEN,

Having satisfied myself that the three Vessels, called by Starch Makers, "**Frames,**" which you lined with Gutta Percha for me three months ago, fully answer the purpose, I send you another order, to provide a lining for two more Frames, and I hope you will not be long executing it. My Frames are of Wood, and after fifteen years' wear very unsafe. The use of **Gutta Percha supersedes the necessity of removing any part of my utensils,** and allows the works to proceed as though repairs were not necessary. You may refer to me for testimony of its use at any time.

Yours' very respectfully,

R. G. TUCKER.

The Gutta Percha Company, Patentees, Wharf Road, City Road, London.

GUTTA PERCHA
FOR THE
LINING OF CISTERNS, VATS, &c.
FOR ACIDS, ALKALIES, &c.
 IN CHEMICAL AND OTHER WORKS.

The Gutta Percha Company have pleasure in requesting a perusal of the following letters:—

From Messrs. BROWNE & WINGROVE, Gold Refiners.

(Copy.)

30, Wood St. Cheapside, London, 24th Jan. 1850.

Sir, Having had in use for the last three months vessels lined with Gutta Percha for the reception of dilute Nitric Acid, we beg to state that in every respect the Gutta Percha is as good and as firm even as the first day it was used, and so highly satisfied are we of its valuable properties in resisting the action of this description of acid, that it is our intention to adopt it generally for every description of article or vessel to which we can apply it in our process of refining. Before we had fully made up our minds for introducing Gutta Percha into our Works, we submitted it to the severe test of a twelvemonth's trial in strong nitric acid, when the surface of the Gutta Percha was injured, while the interior was sound.

We have not the least doubt of its powers in resisting the action of dilute-nitric acid such as we use, and that it can be extensively and profitably employed by us for this purpose.

We remain Sir, Your's obediently,

To MR. STATHAM,
Gutta Percha Company.

BROWNE & WINGROVE.

~~~~~

**From CHANCE BROTHERS, & Co., Alkali Works, near Birmingham**  
Gentlemen,

Having used the Gutta Percha for many months as a lining for vessels and spouts, for containing and conveying Muriatic Acid, we have found it most effectually to resist its action, and can add our testimony to its adaptation to this purpose.

Yours' obediently,

**CHANCE BROTHERS, & Co.**

~~~~~

From Messrs. NELSON, KNOWLES, & Co., Print Works,

(Copy.)

Tottenham, near Bury.

Dear Sir,

In reply to yours, we are using the GUTTA PERCHA as Straps to turn our Dye Vats, Winches, Hydro Extractor, Lathes, &c. We think it a very great improvement on any other kind of strap. A very great consideration is, that when an accident occurs, or you wish to lengthen or shorten a strap, the alteration can be made instantly. We also have tried in etching on Rollers, *through the aqua-fortis when engraving*, and find it answer our most sanguine expectations in that respect, being perfectly impervious to the action of the Nitric Acid of the strength required for our purpose.

Your's, very truly,

NELSON, KNOWLES & Co.

Mr. SAM. STATHAM,
Gutta Percha Company.

~~~~~

**From Messrs. E. & J. STURGE, Birmingham.**

J. & E. Sturge have much pleasure in stating that they have now for a considerable time made use of the Gutta Percha Tubes for the transmission of *highly concentrated Hydrochloric Acid*, which appears to exert no perceptible action upon them.

~~~~~

Gutta Percha in Sheets for lining Tanks, Carboys, Bottles, Flasks, Funnels, Syphons, Bowls, Buckets, Tubing, &c., of every variety of size and strength, according to order.

GUTTA PERCHA MILL BANDS.

The Gutta Percha Company have the pleasure to acknowledge the receipt of the following letter from

MESSRS. CHARLES SCHLEICHER & CO.,
OF
SCHONTHAL, near AIX-LA-CHAPELLE.

August 16th, 1850.

I testify with pleasure to Mr. JAMES WM. GREEN that the Gutta Percha Bands received by his medium from the London Gutta Percha Works, (four years ago), have been constantly running in my Needle and Cast Steel Wire Manufactories, and are yet of quite the same strength they had when they were first moved.

Per Messrs. CHARLES SCHLEICHER & CO.,
J. C. SCHLEICHER.

The Gutta Percha Company, Patentees, Wharf Road, City Road, London.

Applications of Gutta Percha.

DOMESTIC, &c.

Soles for Boots and Shoes, which keep the feet both warm & dry.
Lining for Cisterns, &c.
Picture Frames.
Looking-glass Frames.
Ornamental Mouldings.
Bowls.
Drinking Cups.
Jars.
Soap Dishes.
Ornamental Inkstands.
Vases.
Noiseless Curtain Rings.
Card, Fruit, Pin, and Pen Trays.
Tooth Brush Trays.
Shaving Brush Trays.
Window Blind Cord.
Clothes' Line.
Nursing Aprons.
Coloured Material for Amateur Modelling.
Ornamental Flower Stands and Pots.
Sheet for damp Walls & Floors.
Conveyance of Water, Gas, &c.
Drain and Soil Pipes.
Gutta Percha Tubing is used as a "Domestic Telegraph" in lieu of Bells.
Tubing for Watering Gardens, Washing Windows, &c.
Lining for Bonnets.
Jar Covers.
Sponge Bags.
Watch Stands.
Shells.
Foot Baths.
Balsam for Cuts, Chilblains, &c.
Lighter Stands.

SURGICAL.

Splints.
Thin Sheet for Bandages.
Stethoscopes.
Ear Trumpets.
Liquid Gutta Percha for Wounds.
Bed Straps.
Bedpans for Invalids.

CHEMICAL.

Carboys.
Vessels for Acids, &c.
Syphons.
Tubing for conveying Oils, Acids, Alkalies, &c.
Flasks.
Bottles.
Lining for Tanks.
Funnels.

MANUFACTURING.

Buckets.
Mill Bands.
Pump Buckets, Valves, Clacks, &c.
Felt Edging for Paper Makers.
Bosses for Woollen Manufacture.
Flax Holders. [rers.
Shuttle Beds for Looms.
Washers.
Bowls for Goldsmiths.
Bobbins.
Covers for Rollers.
Round Bands and Cord.
Breasts for Water Wheels.
Oil Cans.

FOR OFFICES, &c.

Wafer Holders.
Inkstands.
Ink Cups (in lieu of glass).
Pen Trays.
Cash Bowls.
Washing Basins, &c., (which cannot be broken).
Tubes for conveying Messages.
Canvas for covering Books, &c.
Architects' and Surveyors' Plan Cases.

AGRICULTURAL.

Tubing for conveying Liquid Manure.
Lining for Manure Tanks.
Driving Bands for Thrashing Machines, &c.
Traces.
Whips.
Buckets, Bowls, &c.

ELECTRICAL, &c.

Covering for Electric Telegraph Insulating Stools. [Wire.
Battery Cells.
Handles for Discharging Rods, Electrotpe Moulds, [&c.

ORNAMENTAL.

Medallions.
Brackets.
Cornices.
Console Tables.
An endless variety of Mouldings in imitation of Carved Oak, Rosewood, &c., for the decoration of rooms, cabinet work, &c.
Picture Frames.

USES ON SHIPBOARD.

Sou-Wester Hats.
Pilot's Hats.
Life Buoys, which are more buoyant than Cork.
Buckets.
Pump Buckets.
Hand Speaking Trumpets.
Drinking Cups.
Powder Flasks.
Fishing Net Floats.
Sheathing for Ships.
Waterproof Canvas.
Air-tight Life Boat Cells.
Tubes for pumping Water from the Hold to the Deck.
Round and Twisted Cords (these cords do not sink in water like the hempen ones.)
Lining for Boxes.
Speaking Tubes for communicating between the Man on the Look-out and the Helmsman, Captain, &c.
Tiller Ropes.

MISCELLANEOUS.

Suction Pipes for Fire Engines.
Fire Buckets.
Stable Buckets.
Lining for Coffins.
Sounding Boards for Pulpits.
Tap Ferules.
Communion Trays.
Tubing for Ventilation.
Hearing Apparatus in Churches and Chapels for Deaf Persons.
Cricket Balls.
Bouncing Balls.
Golf Balls.
Fencing Sticks.
Portmanteaus.
Police Staves.
Life Preservers.
Embossed Book Backs.
Embossed Globes and Maps for the Blind.
Railway Conversation Tubes.
Miners' Caps.
Beds for Paper Cutting Machine Knives.
Fringe for Mourning Coaches.
Fine and Coarse Thread.
Alarm Tubes for Mines, &c.
Official Seals, &c.
Envelope Boxes.
Bible Backs.
Prayer Book do.
Powder Flasks.
Box Lids, &c., &c., &c.

The Gutta Percha Company, Patentees, 18, Wharf Road, City Road, London.

