



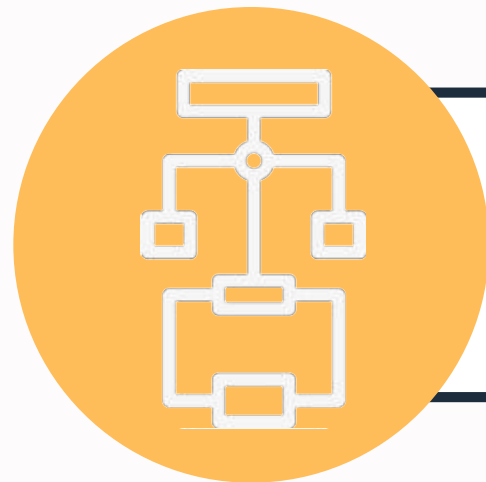
PT METRO GARMIN

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Company Profile



Introduction to PT Metro Garmin



A brief flow chart of the process garment manufacturing process



Factory facilities

BACKGROUND INFORMATION

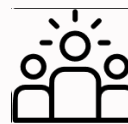
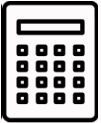
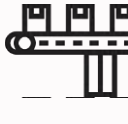
PT. Metro Garmin, is a renowned garment manufacturing company with a proven track record spanning over 40 years.

The remarkable journey of PT Metro Garmin since its establishment on January 10, 1980, and its subsequent inauguration by the Minister of Manpower (SUDOMO) and the Minister of Industry (HARTARTO) in 1987, speaks volumes about its dedication to excellence and innovation.

PT Metro Garmin's distinguished reputation as one of the leading producers of high-quality men's dress shirts. We are committed to offering the finest products, exceptional services, design flexibility, and most importantly ensuring timely deliveries worldwide.



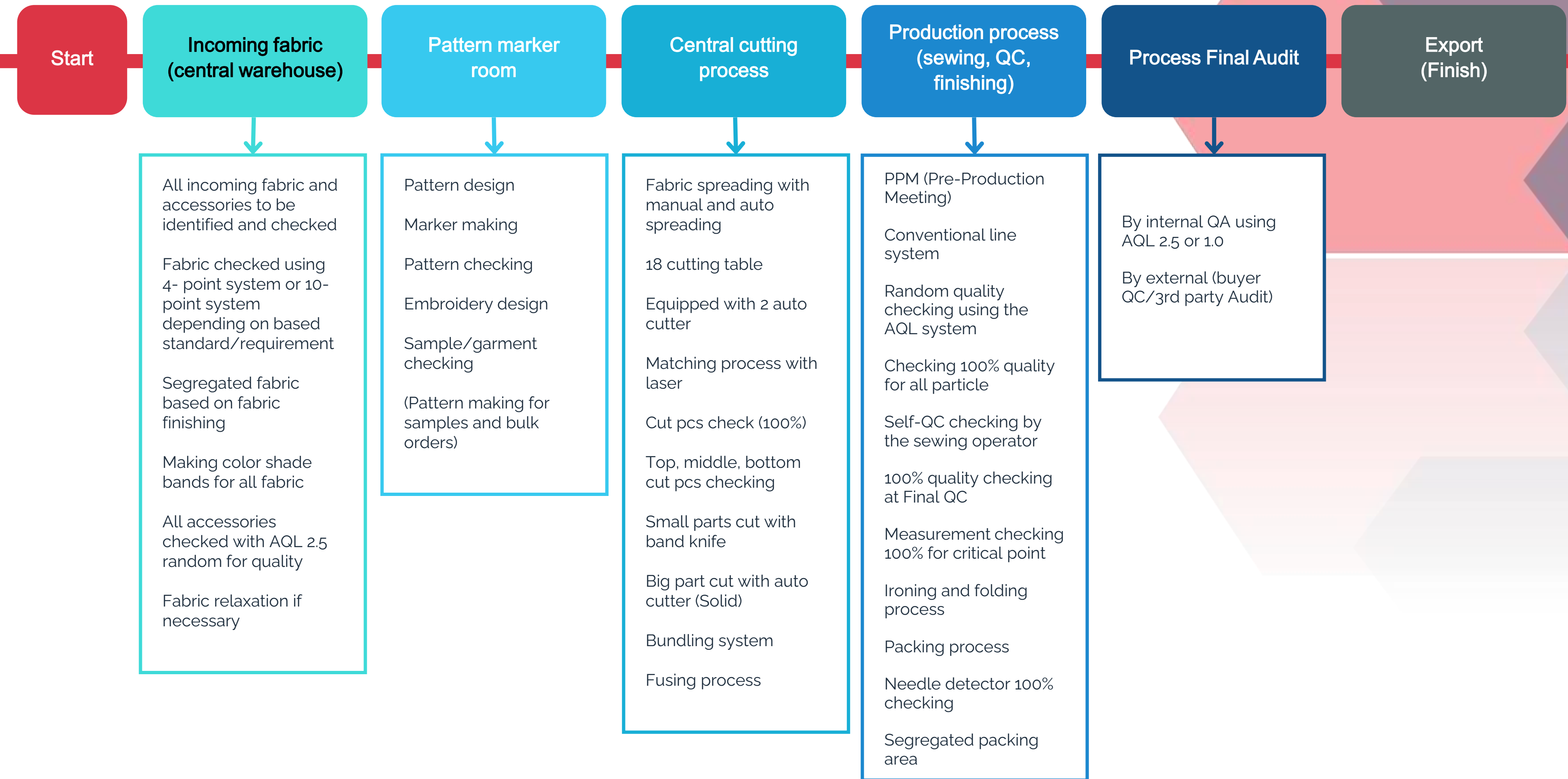
FACTORY FACILITIES AND CAPACITY

	LAND AREA	66.000 sqm
	BUILDING AREA	47.000 sqm
	NUMBER OF EMPLOYEES	1.750
	NUMBER OF PLANTS	4 (FOUR)
	NUMBER OF MACHINE	1200
	NUMBER OF PRODUCTION LINE	18
	NUMBER OF CUTTING TABLE	18
	PRODUCTION CAPACITY	550.000 PCS / MONTH

 GENERAL INQUIRY
metro@metrogarmin.com



Flow chart the garment process at PT Metro Garmin





CENTRAL WAREHOUSE

All fabrics, arrivals, and accessories are stored in the central warehouse. The fabrics in the warehouse are divided into two types: non-iron fabrics and regular fabrics. Non-iron fabrics are categorized based on their finishing, which includes post-cure finishing and non post-cure finishing.

Some of the facilities in the central warehouse include:

Inspection machine :

1. Conduct fabric inspections to ensure the fabric quality meets the buyer's standards and identify any defects that may occur in accordance with the buyer's standards.
2. Equipped with lasers for checking the skewing and bowing of the fabric.
3. There are a total of 12 inspection machines: 10 machines for fabric inspection and 2 machines for fabric relaxation.
4. Fabric inspection methods include both the 4-point system or the 10-point system with computerized technology.

Transit Area :

A temporary storage space for newly fabrics where each fabric is assigned a QR Code sticker for identification

Accessory room :

A storage area for various accessories needed for bulk orders and accessory inspection based on buyer approval

Shade band & light box room :

A space for checking color variations in fabrics for each lot based on buyer approval

Cooling room :

A storage area for non-iron fabrics with post-cure finishing

For non-iron fabrics with non post-cure finishing and regular fabrics, they are stored on the provided shelves



FABRIC REGULAR FINISH STORAGE



INCOMING FABRIC IDENTIFIED AND USING QR CODE



TRANSIT AREA



FABRIC INSPECTION ROOM



FABRIC RELAXATION MACHINE



SHADE BAND CHECKING



SHADE BAND AND DARK ROOM



LIGHTBOX



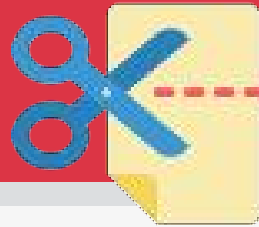
NON-IRON FABRIC STORAGE
(COOLING ROOM)



ACCESSORIES ROOM



ACCESSORIES CHECKING



CENTRAL CUTTING

The processing of central cutting area involves unrolling the fabric, cutting it to the desired shapes, matching fabric specifically for the fabric pattern, and labeling the fabric.

Details of the machines and equipment in the central cutting area are as follows :

➤	Spreading machines	7
➤	Automatic cutter	2
➤	Cutting table	18
➤	Straight knife	34
➤	Band knife	16
➤	Hydraulic cutter	4

The spreading and cutting of fabric are done using automatic machines, ensuring more accuracy and precision in the results. Specifically, for non-iron fabrics with post-cure finishing, after cutting, they are stored in the cooling room area

For patterned fabrics, after cutting, they undergo a laser inspection process to achieve pattern matching and balance according to the buyer's standards. The use of a lightbox is employed to inspect fabrics within a single lot for potential shading issues

In addition, cutting and inspection of interlining are carried out in the central cutting area. After the interlining undergoes the pressing process, a bond strength inspection is conducted to determine the adhesive strength or seam strength of the interlining, ensuring it meets the established standards.



MANUAL SPREADING



DETAILS OF THE AUTO-SPREADING MACHINE and equipment for central cutting



AUTO-CUTTER MACHINE



FABRIC MATCHING



CHECKING PROCESS



NUMBERING PROCESS



BAND KNIFE CUTTING



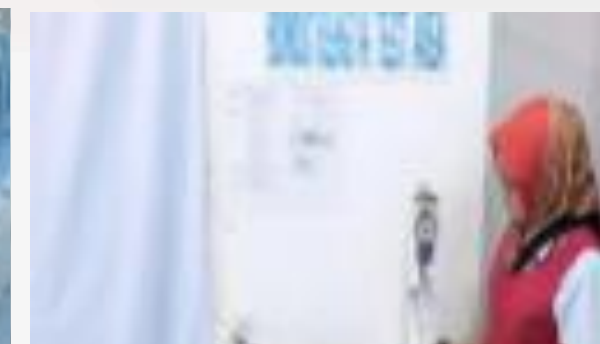
EASTMAN MACHINE



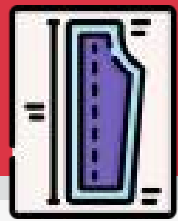
BUNDLING PROCESS



FUSING PROCESS



FUSING BOND STRENGTH TEST



PATTERN ROOM

Pattern room involves the processes of pattern design (sample/bulk), marker making, printing marker, paper pattern cutting, and embroidery design.

Here are some of the equipment and tools found in the pattern room

- ▶ **Plotter machine:** Used for printing/plotting marker for both samples and bulk production.
- ▶ **Paper pattern cutting machine:** Utilized for cutting pattern samples and bulk production on paper pattern or cardboard.
- ▶ **Pattern design:** Used for creating patterns for both sample and bulk production.
- ▶ **Marker making:** Involved in the creation of markers for sample and bulk production.
- ▶ **Embroidery design:** Used in the creation of embroidery for samples and bulk production.
- ▶ **Printing process:** Handles the printing/plotting of markers for sample and bulk production.
- ▶ **Pattern checking:** Conducted to inspect patterns for both samples and bulk.
- ▶ **Sample/garment checking:** Involves the inspection of samples for bulk production.

The patterns and markers are created using computerized technology, ensuring greater accuracy and precision



MEASUREMENT AND FITTING
CHECKING



PAPER PATTERN CUTTING MACHINE

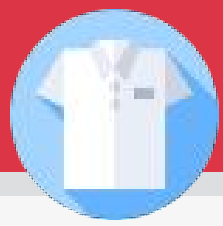


PLOTTER MACHINE

Summary of production data

- ▶ Our sewing production process is handled by skilled operators in their respective fields and processes.
- ▶ Skilled mechanics use advanced technology to maintain and optimize machine performance.
- ▶ The sewing production is equipped with both a hanger/conveyor system and a conventional system.
- ▶ Tighten of Quality System (DO IT RIGHT AT THE FIRST TIME)
 - ➔ Self-QC checking by the sewing operator
 - ➔ Particle and assembling QC checking
 - ➔ Roving Quality Checking (random)
 - ➔ Endline / Final QC checking (100%)
 - ➔ 100% measurement checking for critical process
- ▶ Needle Detector Checking 100%





PRODUCTION

Production sewing processes are carried out by experienced operators, skilled technicians, and advanced machinery technology.

Here are some details of the production equipment and facilities :

- ▶ Conventional line system
- ▶ Hanger line system
- ▶ Start from particle to assembling
- ▶ 100% quality check at Endline QC
- ▶ Measurement process
- ▶ Body press and baking process for post-cure fabric
- ▶ Ironing & folding process
- ▶ Needle detector process
- ▶ Segregated packing area



PRODUCTION LINE AREA



CONVENTIONAL LINE SYSTEM



TAPING SEWING PROCESS



AUTOMATIC TEMPLATE MACHINE



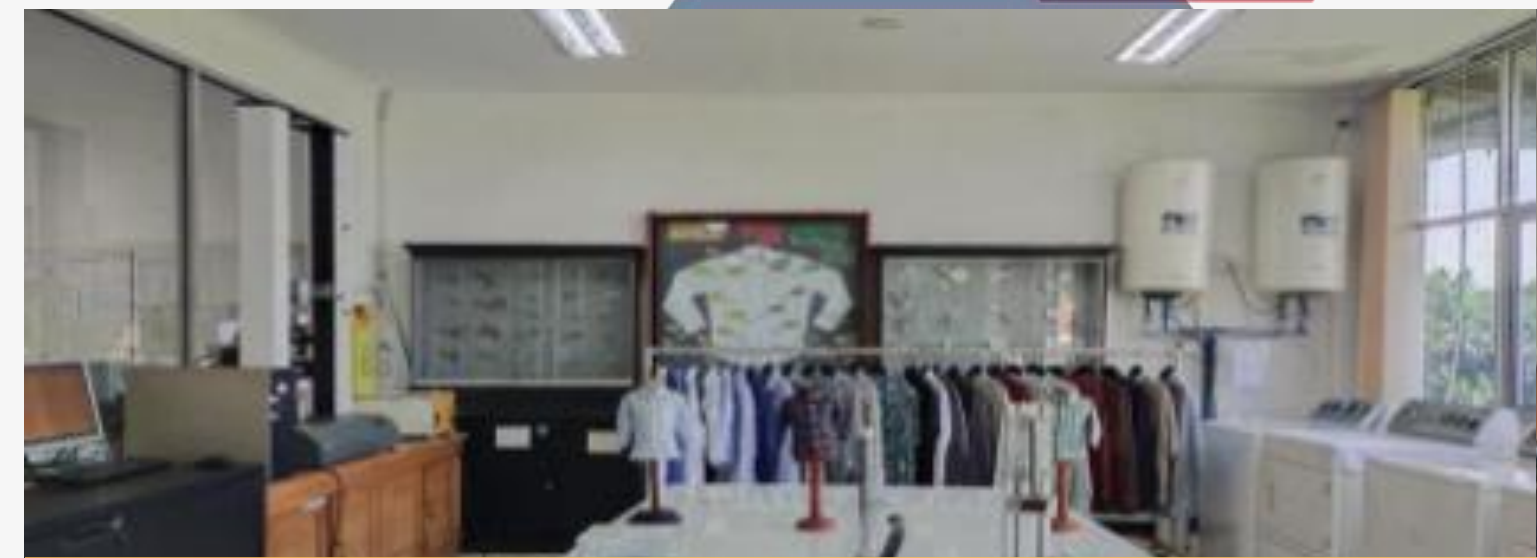
HANGER LINE SYSTEM



LABORATORY

To ensure that our product meets the expectations of buyers/customers, we regularly test the product's output to check basic points as follow :

- ▶ Button Pulling Test
- ▶ Button Impact Test
- ▶ Seam Strength Test
- ▶ Washing & Dry Test
- ▶ Checking DP. Rating After several washes (seam smoothness)



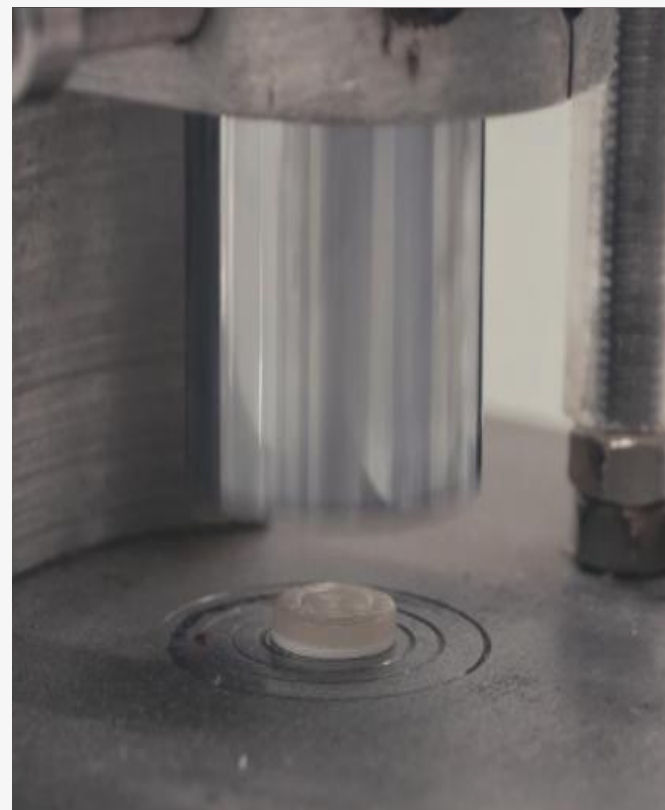
LAB-TEST ROOM



INTERNAL DP RATING EVALUATION (DARK ROOM)



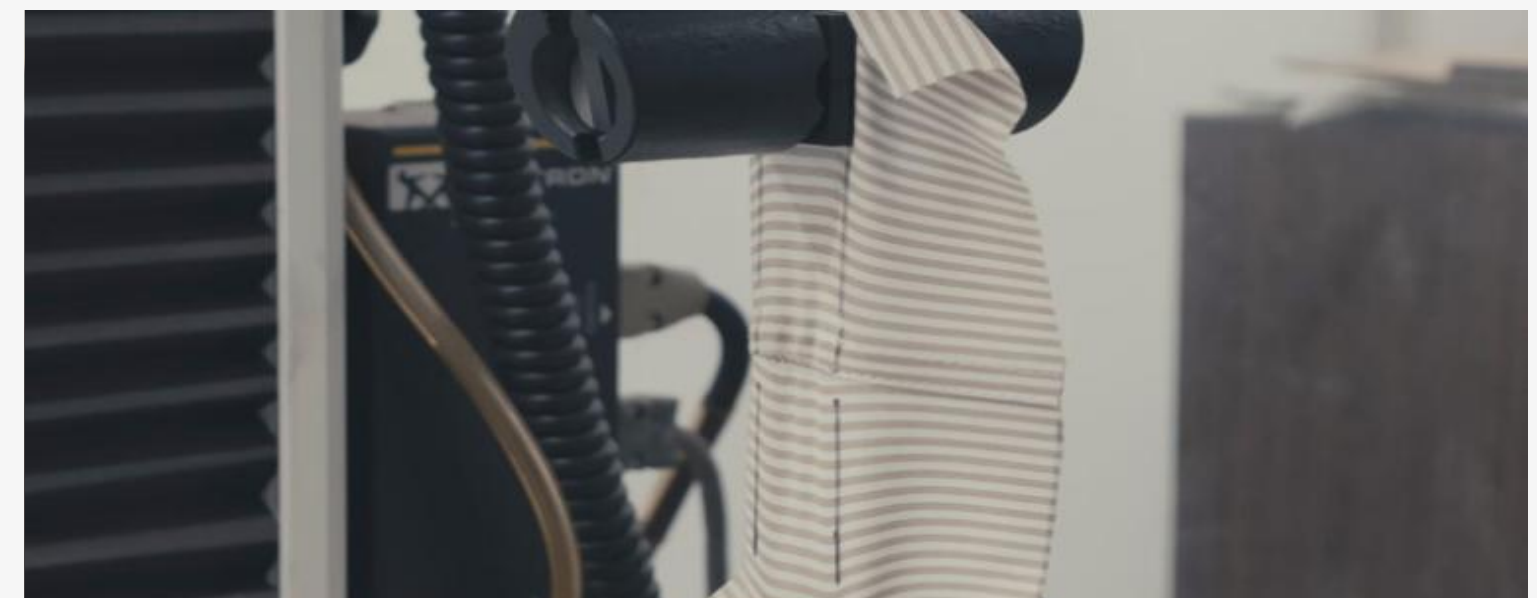
BUTTON PULLING TEST



BUTTON IMPACT TEST



WASHING & DRY TEST



SEAM STRENGTH TEST



HEALTHCARE

Company employees are provided with access to healthcare facilities and services for health check-ups, ensuring they are able to work at maximum capacity.



HEALTHCARE



HEALTHCARE



HEALTHCARE

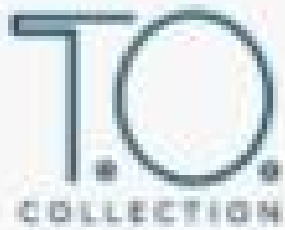


FACTORY AUDIT AND COMPLIANCE

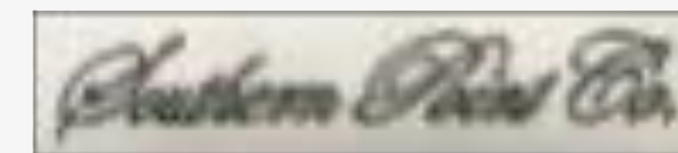
PT. Metro Garmin is committed to maintaining a strong sense of sustainability and social responsibility. We had some certificates that comply with sustainability and social responsibility.



 OUR CUSTOMERS



OUR CUSTOMERS



OLYMP





OUR CUSTOMERS

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HEART

COMME ÇA MEN

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Thank You

