

Manufacturing Services

PEFNA S.A. de C.V.



Prepared By: Pefna Corporation
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Our Customers



Organization Chart

Empaques **termoformados** y empaques en **poliuretano**

Diseño de moldes, **tooling**, herramientas y de maquinaria

Servicios de **manufactura**

Inspección de materia prima o sub-ensambles



VISIÓN

Ser la mejor opción en servicios de manufactura, maquinados, termoformados y logística. Brindando un servicio de calidad y profesionalismo.

MISIÓN

Proveer soluciones funcionales a nuestros clientes, manejando criterios de calidad, entregas de máxima responsabilidad en tiempo y forma.

VALORES

El compromiso nuestros clientes es prioridad, la responsabilidad, el trabajo en equipo, honestidad, puntualidad y lealtad son bases fundamentales para nuestro crecimiento constante.

PEFNA Adding Value

PEFNA is formed by professional team with over 15 years experience in the manufacturing industry, offering a high range of services and applications engineering.

- Manufacturing focused on lean processes (Lean manufacturing).
- Inspections of Raw material or finished product
- Especial reworks-specialized (use of CNC) metal applications.
- Storage material.
- Consultancy in ESD and ESD solutions,
- Metrology and Tools
- Design and Manufacture of machinery
- Thermoforming applied to package.
- Low pressure molding

Manufacturing Assembly Services



We provide a full assembly project, manufacturing, Test, Quality, Packing and Shipping process, We built your products with lean concepts to get the High quality and low cost delivered in your docks if you need

- JIT
- SMED
- Kanban System
- Line balance based on TKT
- Standard Works
- Integrated manufacturing solutions
- Lean Sigma to drive continuous improvement
- 3rd Party Logistics
- Repair
- Strategic partnerships

Inspection, Sorting and Rework



Metal Parts, Plastics

- Finishing
- Color
- Contamination
- Scratches
- Burrs
- Punching
- Riveting



PTH and SMD

- Components
- PCBs
- Labels and packaging
- Impedance measurement

We can do sorting pieces trough of center of Mexcio (Queretaro, Aguascalientes, Guanajuato)

Thermoformed Conductive or Dissipative Trays

Thermoformed is designed according to the customer requirements, formed to a specific shape in a mold and trimmed to create a usable product. We provide technical support since the design of the thermoformed prototype until the final released product.

A wide range of custom thermoformed packaging products for different industries such as automotive, electronics and medical products.



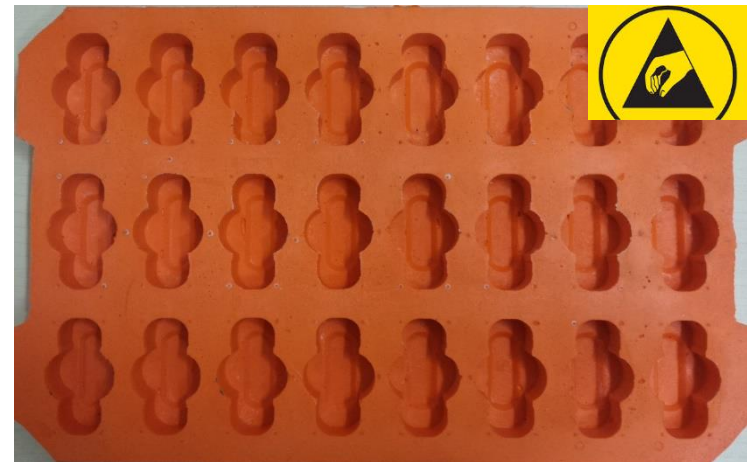
Pouliurethane ESD Applications



The trays are made on Polyurethane of high resistance and soft material to prevent potential damaged to the product.

We desidn and créeate the mold according to your needs.

- Voltage generation: <100v
- Discharge time: 1 sec.
- Useful life: 12 months.
- Designed according to your needs.
- Several colors available.
- ESD 20/20 2014.
- Made in México



Low Pressure Mold

Low Pressure Molding (LPM) with polyamide and polyolefin (hot-melt) materials is a process typically used to encapsulate and environmentally protect electronic components (such as circuit boards).

- Used for:
 - Harsh Environments
 - Mechanical Protection
 - Electrical Insulation
 - IP=Ingress Protection
- Advantage :
 - High IP Sealing
 - Design Flexibility
 - Aesthetics
 - Wide range of materials
 - Volume and Weight Reduction

Materials available

- **2 Part Silicones**

- Optical clarity
 - Lens and Light Pipe

- **Co-Polymerized Thermoplastic Elastomers (TPE)**

- Structural strength
- Wide range of hardness
- Easily pigmented

- **Polyurethanes**

- Adhesion
- Wide range of hardness
- Cured properties

- **Co-Polyesters**

- Wide range of durometer
- Product memory or “bounce-back”

- **Polyamides**

- Adhesion
- Range of hardness
- Non-toxic
- Low viscosity
- UL rated

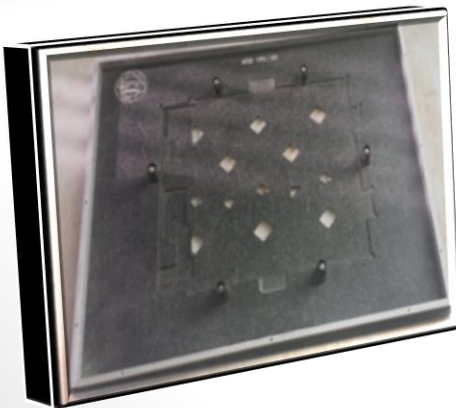
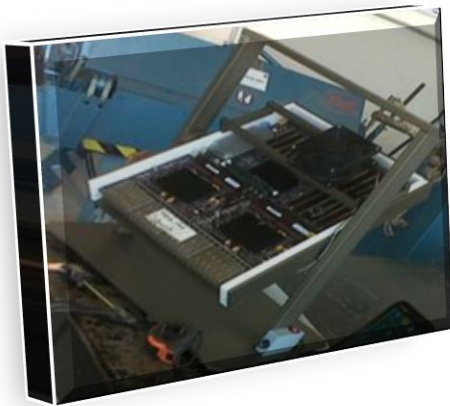


ESD, Measurement Tools, Advice and Support



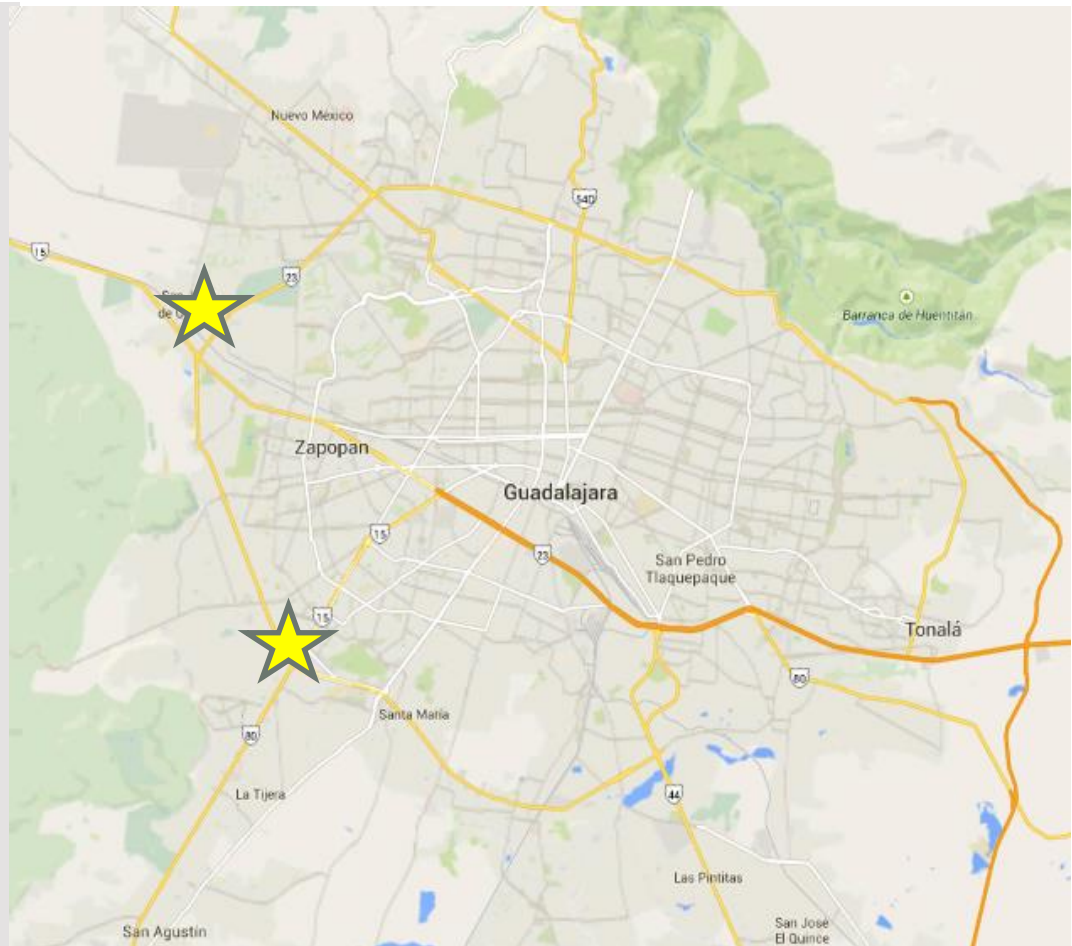
Metal Application

- Design and Manufacturing:
- Pallets, pressfit fixtures.
- Bosh Cart fabrication
- Application development for Mechatronics project



Warehouse Locations

We have 2 facilities strategic located in Guadalajara.



CONTACTS:

Eng. Ivan Pena

General Manager

Phone: +52 33 33646441

Cel Phone +52 1 33 113 468 18

Thanks