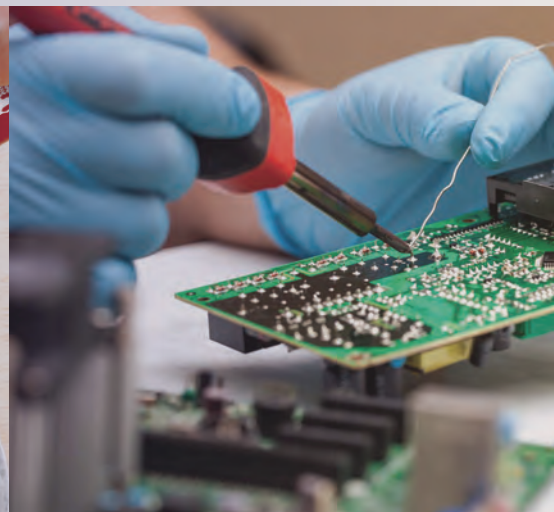


DESCO



About Us

Our Company

Founded on October 26th, 2001, PEMCO is a value-added distributor of materials and supplies to the maquiladora industry. We work closely with engineering, design and production departments to provide tailored solutions to our customer's production needs.

*Strategically located less than 2 miles from the San Diego-Tijuana border (with locations on both sides of the border) and now offering services in Ciudad Juárez, Chihuahua and Mexicali, Baja California. Our sister company in México, Equipos y Materiales de Precisión (EMP) provides the same service for our customers who prefer local inventory management and deliveries. PEMCO/EMP are ISO 9001-2015 Certified**

**October 2020-2021*

Mission

Our name says it all: Precision Equipment and Materials, Inc. We strive to provide our customers with their precise needs through an unparalleled personal service.

Vision

To be the premier regional value-added distributor to the maquiladora industry



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Adhesives & Chemicals

Bonding

Cyanoacrylates
Silicones
Hot Melts
UV Curing Adhesives
Epoxies
Methacrylates
Acrylics
Urethanes
Solder
Contact Cement



Coating

Conformal Coatings
UV
Silicone
Acrylic
Urethane
Epoxy
Protective Coatings
Wear Resistant Coatings



Gasketing & Sealing

Anaerobics
Silicones



Potting & Encapsulating

Epoxies
Urethanes
Silicones
Hot Melts
High Temperature Cements



Molding & Casting

Silicones
Hot Melts
Urethanes
Epoxies
High Temperature Cements



Adhesives & Chemicals



Threadlocking

Threadlockers



Retaining Compounds

Anaerobics
Acrylics



LPM (Low Pressure Molding)

Hot Melts



Surface Preparation

Cleaners & Degreasers
Primers
Activators



Lubrication

Anti Seize
Lubricants and Greases
Mold Releases



Thermal Management

Heat Sink Compounds
Pads
High Temperature Cements



Dispensing Equipment & Supplies

Products

Dispensing Robots

Valves

Barrels, Stoppers

Tips

Nozzles

Cartridges

Static Mixers

Meter Mix Systems

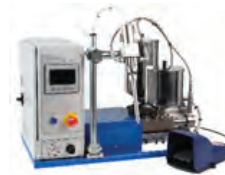
Dispensing Bottles

Label and Tape Dispensers

Dispensing Controllers

Pressure Tanks

Pail and Drum Pumps



LOCTITE

FISNAR

Techcon
SYSTEMS

ADS
ADVANCED DISPENSING SOLUTIONS

3M

JENSEN GLOBAL
Dispensing

American Ultraviolet
Since 1960. It's all we do

Ashby Cross Company Inc.

START
INTERNATIONAL

MICHAEL
ENGINEERING LIMITED

Dispensing Equipment & Supplies



Precision Dispensing Tips & Supplies

All tips listed come in packages of 100 units, unless otherwise specified. Some items are subject to higher MOQs. Different volumes and gauges may be available upon request. Call for specific inquiries.

Precision Dispensing Tips

This needle series consists of a stainless-steel shaft with a double helix polypropylene hub. This line of precision dispensing tips is burr-free, as well as silicone and chloride free, with an electro-polished shaft for unobstructed and consistent material flow. They are designed to dispense most viscosity fluids and adhesives. Safe for use up to 100psi.

Available Gauges: 14G, 15G, 18G, 20G, 21G, 22G, 23G, 25, 27G, 30G, 32G, 34G



Lengths: 1/4 in, 1/2 in, 1 in, 1.5 in



Precision Bent Dispensing Tips

This needle series consists of a stainless-steel shaft with a double helix polypropylene hub. This line of precision dispensing tips is burr-free, as well as silicone and chloride free, with an electro-polished shaft for unobstructed and consistent material flow. They are designed to dispense most viscosity fluids and adhesives. Safe for use up to 100psi. Additionally, these tips are bent 45 or 90 degrees, making them suitable for applying fluids inside the bore of products or under components.

Available Gauges: 14G, 15G, 18G, 20G, 21G, 22G, 23G, 25, 27G, 30G



Lengths and Angles: 1/2 in. & 1 in. at 45 degrees, 1/2 in. & 1 in. at 90 degrees.



Color Coding



| | | | | | | | | | | | |
|-------|-------|-------|------|--------|------|--------|-----|-------|----------|--------|------------|
| 14G | 15G | 18G | 20G | 21G | 22G | 23G | 25G | 27G | 30G | 32G | 34G |
| Olive | Amber | Green | Pink | Purple | Blue | Orange | Red | Clear | Lavender | Yellow | Dark Green |

Dispensing Equipment & Supplies

All tips listed come in packages of 100 units, unless otherwise specified. Some items are subject to higher MOQs. Different volumes and gauges may be available upon request. Call for specific inquiries.

TT - Tapered Tips

High quality tapered tips in gauge sizes from 14 to 25. Suitable for many fluids including solder pastes, fluxes, gels, epoxies, grease, compounds, particle-filled materials, adhesives, silicones, sealants and RTVs. Double helix locking luer thread provides safe attachment to all syringes and valves.



Available Gauges: 14G, 16G, 18G, 20G, 22G, 25G

Length: 1 in



PP Flexible Dispensing Tips

Polypropylene tips include a plastic double helix locking hub with a polypropylene cannula (tubing) based on gauge size. Excellent for dispensing into small areas or through holes. The luer locking thread prevents the tip from coming loose under pressure. Suitable for use with most fluids, especially with reactive adhesives and moisture-sensitive fluids (i.e. cyanoacrylates, instant glues, and most solvent-based fluids).

Available Gauges: 14G, 15G, 18G, 20G, 22G, 25G



Lengths: 1/4 in, 1/2 in, 1 in, 1.5 in.

Color Coding



14G
Olive

15G
Amber

16G
Gray

18G
Green

20G
Pink

22G
Blue

25G
Red

Dispensing Equipment & Supplies

Teflon Lined Tips

Best suited for the controlled application of cyanoacrylates, solvents, activators, primers, and other liquids. The crimped Teflon inner tube prevents reactive cyanoacrylates from clogging during application. The tips are silicone and chloride free to prevent contamination of any liquid dispensed.



Available Gauges: 21G, 25G, 27G

Length: 1/2 in, 1 in



All tips listed come in packages of 12 units, unless otherwise specified. Some items are subject to higher MOQs. Different volumes and gauges may be available upon request. Call for specific inquiries.

Dual Metal Dispensing Tips

The dual tip provides the ability for multiple dispensing in a narrow space.

Available Gauges: 18G, 20G, 21G, 22G, 23G, 25G, 27G, 30G, 32G



Lengths: 1/4 in, 1/2 in, 1 in, 1.5 in.



Flat Dispensing Tips

The oval-shaped tips apply flat ribbons of thick fluids like pastes, sealants, and epoxies.

Available Gauges: 10G, 11G, 12G, 13G, 15G



Lengths: 1 in



Syringe Barrels

Dispensing syringe barrels are silicone and chloride-free and designed to work with syringe guns and pneumatic dispensers. The syringe barrels are made from low friction polypropylene to ensure accuracy, repeatability, and productivity. Features a luer lock for secure dispense tip attachment. Available in 2 colors: Clear for most generic applications and Black for total light block. Maximum operating pressure 11 psi (6.9bar). Pistons available for all barrel sizes as well as end caps and adapter assemblies.

Available Options: Black UV-Resistant, Amber UV-Resistant, Clear
Volume: 3cc, 5cc, 10cc, 30cc, 55cc **

Syringe Barrel Adapters

Syringe barrel adapter assemblies connect the syringe barrel to a pneumatic syringe dispenser. Safe for use up to 100psi. Silicone-free plastics and components.

Available Colors: Yellow, White, Gray
Volume: 5cc, 10cc, 30cc, 50cc **



** Different volumes and gauges may be available upon request. Call for specific details



Pistons

Pistons ensure that the pressure is evenly spread across the fluid surface to provide consistent dispensing. Wiper seal pistons prevent dripping and eliminate material waste by wiping the syringe barrel wall clean as fluid is dispensed. Maximum operating pressure is 100psi (6.9bar).

Pistons Available for all syringe barrel options listed

Tip Caps

Tip caps are used on the luer lock end of any sized syringe barrel, cartridge adapter or metering valve. They feature a double helix thread for secure, leak-free attachment. Caps are silicone and chloride free to prevent contamination of any fluids stored inside the barrels.

Dispensing Equipment & Supplies

Cartridges

Cartridges are available in 2.5, 6, 8, 12, and 20 ounce as well as 1/10 gallon capacities. Each size can be used with hand-held or bench-mounted air-powered dispensing tools or manual dispensing tools.

Capacity: 2.5 oz (74 ml), 6 oz (177 ml), 8 oz (237 ml), 12 oz (355 ml), 1/10th Gallon (310 ml), 20 oz (591 ml)



Cartridge Retainer & Cap

Material: Aluminum
(1/10th Gallon - Aluminum & Steel)

Capacity: 6 oz (177 ml), 8 oz (237 ml), 12 oz (355 ml), 1/10th Gallon (310 ml), 300 ml



Cartridge Tip Adapters

Polypropylene cartridge tip adapters available in black and white finish



Pinch Tube Valve T01-710 PT

Designed for precise control of low-to semi-viscous liquids. The pinch valve tube provides an infinite degree of control for continuous micro-shot applications. Automatically opening and pinching a molded polyethylene tube assembly achieves the "on/off" control. Ideal for two-part epoxies and cyanoacrylates.

Spare Pinch Tubes

Natural Low Density Polyethylene. Male & Female Fittings available

Dispensing Equipment & Supplies



Digital Dispenser SL101N

An automatic digital dispenser with a bright LCD display and “teach & learn” process programming. Up to 9 independent dispensing programs may be stored for fast recall.



Digital Controller TS550R

First in its class, the TS550R is equipped with Ethernet and WiFi interfaces that allow users to configure the exact parameters and monitor and control the process from anywhere in the world. This feature complies with Smart Factory requirements of Industry 4.0.

Loctite EQ HD14 Dual Cartridge Dispenser

The Loctite® EQ HD14 400ml manual dispenser is designed for the handheld dispensing of two component adhesive products packaged in 400ml cartridges. The dispenser is compatible with all standard product ratios.



Loctite EQ RB40 400D Benchtop

The Loctite 400 D-Series Dispensing Robot has a 400 x 400 x 100 mm range of operation (X,Y,Z) and has features and accessories that are custom tailored for adhesive dispensing processes. This low-cost benchtop robot has 3-axis control and 120 VAC or 220 VAC operation with a 24 VDC output signal.



Dispensing Equipment & Supplies



Loctite EQ VA40 CA Volumetric Valve

The LOCTITE® EQ VA40 CA Volumetric Valve is a positive displacement metering valve designed for dispensing precise volumetric drops of cyanoacrylate adhesives (CA's) with each cycle. Positive displacement dispensing is not influenced by variations in pressure, time, temperature or adhesive viscosity therefore making the EQ VA40 an excellent choice for low to medium viscosity drop applications where accuracy and precision are required.



Diaphragm Valves

Diaphragm Valves are designed to dispense low to medium viscosity materials with precision accuracy over a wide range of shot and bead sized down to a fraction of a micro liter. An internal spring return makes the valves fully adaptable for use with Techcon Systems time/pressure controllers.



Rotary Microvalves

The TS7000 Series IMP Rotary Valves are the latest additions to the Rotary Microvalve family. The valve uses a feed screw (auger) to dispense fluid with a rotary displacement action, allowing ultra-precise control of the dispensing process.



Spool Valves

The Spool Valve is based on a balanced spool design to create a fast "ON/OFF" fluid dispensing function that is not affected by material input pressure. The spool action displaces a portion of the material back into the nozzle during shut off. This creates an automatic "suck-back" anti-drip feature. An oil chamber is provided for use above the upper seal to create an additional liquid seal that will prevent moisture from being carried



Micro Spray Valves

The Microshot Spray Valve - TS5540-MS is designed to spray low to medium viscosity fluids through disposable dispensing tips. This innovative design enables the valve to produce uniform spray patterns ranging from 0.180" - 0.60" (4.6mm - 15 mm) in diameter.



Production & Hand Tools

Offering a wide range of products and brands

Cutters

Tweezers

Scissors

Precision Tools



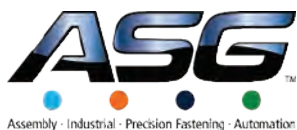
Power Screwdrivers

Wire Strippers-crimping

Scalpels and Knives

Electric Screwdrivers

Torque Bits



ESD Control



Meeting the industry's requirements. Exceeding customer's expectations

Test and Equipment

Ionization

Heel Grounders

Wrist Straps

Floor Cleaners

Mats, Benches

Packaging

Smocks

Tapes (custom sizes available)

PPE

ESD-Safe Office Supplies

ESD Bags

Surveys & ESD Assessments



DESCO

MENDA

EMIT



Cleanroom & Safety

We can supply you with the highest quality of cleanroom and safety products for controlled environments

Wipes

Swabs

Chairs

Benches

Mats

Ionizers

Fume Extraction

Garments

Gloves and Fingercots

Paper and Tapes

Brushes



Berkshire

3M

BENCHPRO™
...Rock Solid

Lakeland

BOFA

THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

QRP



RHINO
ANTI-FATIGUE MATS



WEARWELL



the **SAFETY ZONE**

bigger better brush
**Gordon
brush**

bolle
SAFETY

Torington Brush Works
Est. 1907

Laundry Services



Now offering an array of laundry solutions for all kinds of applications:

-Laundry Services:

- Industrial
- ESD
- Cleanroom

-Inventory Management & Replacement Options

-Visual & ESD Inspection Services

-Advanced Tracking Options

-Reusable ESD packaging

Fully Integrated Facility

By using the best in-class technology in the market, we are able to offer a fully-integrated sustainable service exceeding our customer's expectations:

- Double-barrier washers
- Anti-static dryers
- ISO Class 8 Cleanroom
- HEPA & MERV (Multi-step) Filtration Systems
- Integrated Sampling of Suspended Particulate Matter
- Water filtration and softening technology
- ESD Sorting and Testing Equipment
- Specialized packaging options for every industry and customer requirement
- Microbiological Testing



Solder & Soldering Equipment

The vastest selection of solder and soldering equipment in the region

Soldering/Rework Stations

Tips

Desoldering Braid

Sponges

Fume Extraction Systems

Specialized solder



Microscopes & Lighting



We work closely with leading manufacturers to ensure the best selection

Microscopes

Magnification Lamps

Inspection Systems

Metrology Solutions



Packaging & Storing Solutions

Bringing you high-quality reliable packaging and storing solutions

Automated Packaging Systems

Boxes, Bins, Racks

Tapes

Totes, Tray



Production Equipment & Supplies



Products

Thermal Transfer Labels



Ribbons



Tapes, Diecuts



Heat Guns

UV Curing Ovens

Screw Feeders

Hot Melt Guns



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