



OUR CATALOG

Are Your Machines Talking to You?

Simple visual tools applied to manufacturing equipment can speak volumes.

Strategic Work Systems – Proven Tagging, Labeling & Marking Supplies

Minimum Order \$20.00 (Order Form is on the last page)

All prices listed in U.S. Dollars

Gauge Marking Labels - Item Number: 016

- Buy 1-9 at **\$8.50** each
- Buy 10-99 at **\$7.50** each
- Buy 100 or more at **\$6.50** each
- Label colors: Red, Green, Yellow

Identify acceptable or dangerous operating ranges on gauges.

Comes in 9" x 10" red, green, and yellow transparent, adhesive polyester sheets, which you can easily cut to fit your needs. Proven to withstand harsh environments both indoors and outside, the material has a service temperature range of -40 F to 302 F.

Select Options:

- Red
- Green
- Yellow

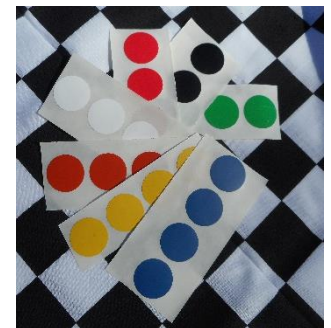


Lube Point Labels - Item Number: 048

- Buy 1-99 at **\$0.20** each
- Buy 100-999 at **\$0.17** each
- Buy 1000 or more at **\$0.15** each

Create your own lubrication point labels with these colored vinyl dots placed next to grease fittings, filler caps, containers, and on reservoirs and grease guns. These colored 1-inch-diameter self-adhesive labels are available in red, green, yellow, white, blue, orange, and black.

Select Options: red, green, yellow, white, blue, orange, or black.



Lube Point Labels with Overlay - Item Number: 049

- Buy 1-99 at **\$0.50** each
- Buy 100-999 at **\$0.45** each
- Buy 1000 or more at **\$0.40** each

Create your own lubrication point labels with these colored vinyl dots placed next to grease fittings, filler caps, containers, and reservoirs. These colored 1-inch-diameter self-adhesive labels are the most durable we have found—weather, water, chemical (most), and traffic resistant. Write on them with a fine-point permanent marker, cover with the clear vinyl overlay, stick it on the equipment, and the label is virtually permanent.

Select Options: red, green, yellow, white, blue, orange, or black.



Numbering Labels - Item Number: 036

- Buy 1-9 at **\$63.00** each
- Buy 10 or more at **\$58.00** each

Available in the following sizes: 5/8-inch 1-inch and 2-inch
 Peel-off laminated polyester number sets have three cards each 0 through 4 and two cards each 5 through 9. Black numbers on a yellow background. Ideal for environments where the numbers will be exposed to moisture, dirt, oils and mild solvents. Appropriate for application to flat or near flat surfaces that are clean before application. Not designed to be repositionable because the adhesive bond strengthens, making them difficult to remove. Can be used indoors or out.

Select Options: 5/8-inch, 1-inch, or 2-inch



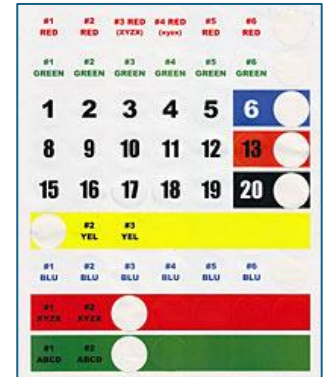
All Weather Laser Print Labels - Item Number: 063

- Buy 1-9 at **\$4.00** each
- Buy 10 or more at **\$3.00** each

Make your own all-weather labels! These new weather-resistant polyester labels are printable on your color and black-and-white laser printers. The 2.0 mil white gloss polyester backed with a cold-temperature emulsion acrylic permanent adhesive that adheres to sheet plastics/polycarbonates, glass, painted and galvanized metals and more. The service temperature range is from -4°F to 158°F. A removable liner backing allows the sheets to handle well in laser printers. We have tested these labels, printed on our Oki color laser printer in all weather conditions for nine months with no degradation other than a fading of yellow laser printing. Use our free Microsoft Word templates. Prints best in manual sheet feed, straight through.

Select Options:

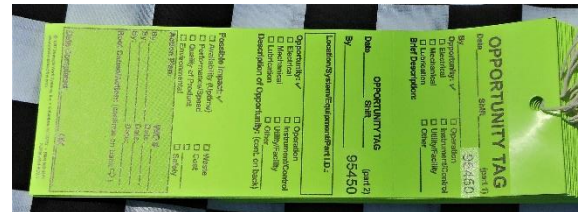
- 1" round, 63 labels per 8-1/2" x 11" sheet
- 1.375" round, 30 labels per 8-1/2" x 11" sheet



Opportunity Tags in Card Stock (Bundles of 50) - Item Number: 014

- Buy 1 bundle or 50 at **\$20.00** each
- Buy 2-9 at **\$17.50** each
- Buy 10-19 at **\$15.00** each
- Buy 20 or more at **\$12.50** each

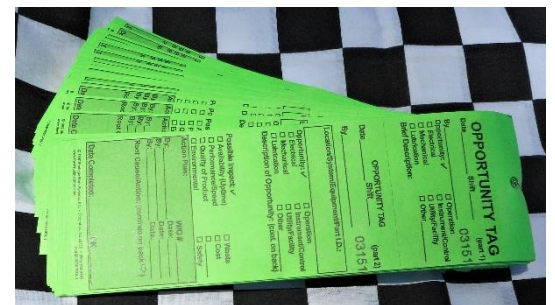
Sold in bundles of 50, please order by the bundle. Two-part, Day-Glo green, heavy card-stock tags (3" x 9") used to identify specific equipment improvement opportunities. Pre-printed with five-digit sequential numbers.



Opportunity Tags in Tyvek (Bundles of 50) - Item Number: 056

- Buy 1 bundle or 50 at **\$29.00** each
- Buy 2-9 bundles at **\$26.50** each
- Buy 10-19 at **\$24.00** each
- Buy 20 or more at **\$21.50** each

Sold in bundles of 50, please order by the bundle. Designed for rugged environments, such as offshore oil platforms. Rip-proof with metal grommet for attaching to equipment with wires (included) or nylon ties (Item Number: 003 can be ordered separately). Use a permanent ultra fine-point marker. Same size as our regular Problem and Opportunity Tags (3" x 9"). Pre-printed with five-digit sequential numbers.



Plastic Tag Pocket Single - Item Number: 047

- Buy 1-4 at **\$5.00** each
- Buy 5 or more at **\$4.75** each

These high-impact plastic pockets (3.5" x 4.75" x 1.5") are the same as in the set of five. They are sold individually and without labels so you can create your own "action board" arrangement.



Plastic Tag Pockets Set of Five - Item Number: 046

- Buy 1 set of 5 at **\$30.00** each
- Buy 2 or more at **\$27.50** each

Our Problem Tags and Opportunity Tags are used to flag the locations of items needing improvement right on the equipment. We have developed a set of high-impact plastic tag pockets to hold the bottom parts of the tags. These pockets (3.5" x 4.75" x 1.5") can be attached to your "action boards" or walls with screws or the included double-stick tape. This set of five individual pockets comes with labels for you to attach: *Tags, Mechanical to Do, Electrical to Do, In Progress, Done*.



Tag Pocket Labels (Set of 5) - Item Number: 047-1

\$5.00/Set of 5

Tag Pocket Labels

This set of five labels can be used with our high impact Tag Pockets: Tags, Mechanical to Do, Electrical to Do, In Progress, Done.



Nylon Ties (Bundles of 100) - Item Number: 003

\$4.00/Bundle of 100

5" nylon ties work great when punched through the plastic above the zipper lock of the reclosable envelopes and pulled tight to the equipment. Great for hanging Problem or Opportunity Tags in harsh environments.

Sold in bundles of 100, please order by the bundle.



Preventive Maintenance Labels (Packs of 90) - Item Number: 058

\$27.00/Pack of 90 labels.

Make your PM completion and due dates visible on the machines. Sure, that information is hidden in the maintenance management system. But, labels on the machines serve as a reminder and answers the questions. These 1" x 2 1/4" pre-printed write-on polyester labels use a semi-permanent acrylic adhesive for extra durability.

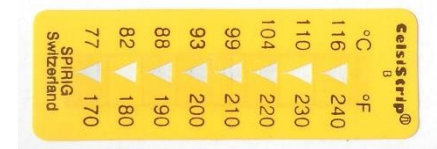


Temperature Indicating/Recording Strips - Item Number: 006

- Buy 1-19 at **\$3.50** each
- Buy 20 or more at **\$3.00** each

Monitor bearings and other temperature-sensitive parts with these stick-on calibrated tapes. White heat-sensitive areas are calibrated to specific temperature levels that turn permanently black when exceeded.

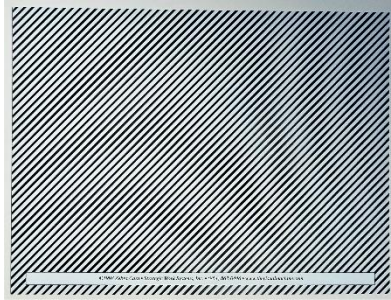
Available only in: 170° to 240° F (in 10° increments)



Zebra Cards - Item Number: 022

- Buy 1-9 at **\$5.00** each
- Buy 10 or more at **\$4.00** each

When cut to size (only about an eighth of an inch strip is needed) and placed behind fluid level sight gauges, the actual levels can be seen easily and quickly from a distance. In many cases, flashlights are no longer needed to see the fluid in old, discolored tubes. You've got to see it to believe it! Comes in a 9" x 12" sheet.



Checkpoint Nut & Bolt Indicators - Item Number: 062

- Buy 1-9 at **\$0.70** each
- Buy 10 or more at **\$0.65** each

Description: Nuts and bolts very rarely vibrate tight. They almost always vibrate loose, and that can cause serious damage, failures, accidents, or environmental incidents. This unique product helps you spot nuts and bolts that may be vibrating loose. Checkpoint indicators are a highly visible, highly durable, generally reusable, visual system that snaps on the hex heads of threaded fasteners. Use inside or outside, in any weather conditions, on fixed or mobile equipment. Save time and money and prevent failures and leaks the easy way with Checkpoint indicators. Just tighten and properly torque your threaded fasteners and snap a Checkpoint indicator on each bolt or nut. Align them pointing to each other or all pointing to the center and walk away. When making rounds, anyone (even visitors) can see if the fasteners have started vibrating loose without the use of a wrench.



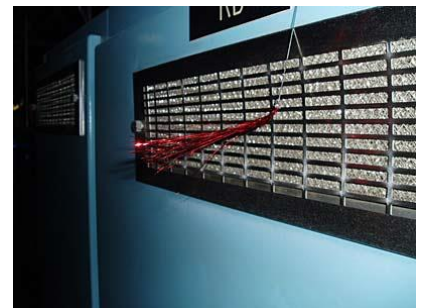
Select Options:

- 11/16" (17 mm)
- 3/4" (19 mm)
- 7/8" (22 mm)
- 15/16" (24 mm)
- 1-1/8" (29 mm)
- 1-1/4" (32 mm)
- 1-5/16" (33 mm)
- 1-7/16" (36 mm)
- 1-1/2" (38 mm)

Cooling Fan Indicator - Item Number: 057

\$2.00 each

Many equipment computers, PLCs, and control cabinets rely on cooling fans to exhaust heat and circulate cooling air. Are the fans working? Are they moving air in the proper direction? Our cooling fan indicators provide an easy to see method to verify proper fan operation. These indicators feature a stainless-steel wire for mounting and durable Mylar/polyester strands that indicate airflow. The wire can be slipped behind a fan mount screw or frame or attached to an "alligator clip" or epoxied to a magnet for ease of relocation. Bend the wire to position the indicator strands in the path of airflow. Airflow is then indicated by the fine strands.



Grease Fitting Caps Large (Bags of 100) - Item Number: 012

- Buy 1 bag of 100 at **\$14.00** each
- Buy 5 or more at **\$13.00** each

Sold only in bags of 100 caps, all one color.

These colored plastic caps snap securely over standard SAE J534 grease fittings (Zerk fittings) to seal out dirt and moisture. Made of low-density polyethylene, they will withstand temperatures up to 175-degree F.

Large caps are heavy duty with a 1-inch retainer strap.

Select Options: Choose caps in red, blue, yellow, green, black or white.



Grease Fitting Caps Small (Bags of 100) - Item Number: 013

\$10.00

- Buy 5 or more at **\$9.00** each

Sold in bags of 100 caps, all one color. These colored plastic caps snap securely over standard SAE J534 grease fittings (Zerk fittings) to seal out dirt and moisture. Made of low-density polyethylene, they will withstand temperatures up to 175-degree F. Small caps are lighter weight with a quarter-inch retainer strap for temporary protection.

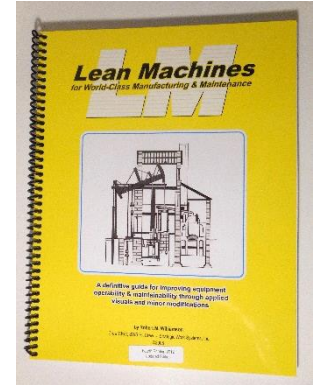
Select Options: Choose caps in red, blue, yellow, or green.



Lean Machines for World-Class Manufacturing and Maintenance - Item Number: 008-1

- Buy 1-9 at **\$30.00** each
- Buy 10-19 at **\$25.00** each
- Buy 20 or more at **\$20.00** each

Lean Machines for World-Class Manufacturing and Maintenance by Robert M. Williamson
This updated edition launches the next level of world-class simplicity for modern manufacturing and maintenance. We have collected and explained proven methods for simplifying the interactions between people and machines. Consistent with the principles of Lean Manufacturing, this book emphasizes techniques that eliminate many of the equipment-related wastes in the workplace. If we can apply and use the visuals and minor modifications in the context of Lean, we will be able to reduce operating, manufacturing, and maintenance costs. This book contains hundreds of hints and tips that will improve equipment effectiveness and simplify work. (111 pages, 8-1/2"x11", spiral bound.)



Lean Machines for World-Class Manufacturing and Maintenance started out as a decade-long quest for world-class simplicity. This led to our first book, *Visual Systems for Improving Equipment Effectiveness* in 1998. World-class simplicity resulted in common sense, but not common practice, solutions to equipment communications. Since equipment communications has evolved to software-driven logic controlling the obvious, visual communications without equipment has become even more important. By applying and using visuals on the equipment, we are able to communicate proper operating and maintenance information visually at the point of use. Visuals also provide reminders of important specifications that were learned in training. Visuals applied to machines, equipment, and processes remove much of the guesswork often associated with operations and maintenance.

Visuals result in equipment that is significantly easier to operate, easier to maintain, and easier to inspect and troubleshoot. Visuals have also shown that equipment-specific training can be reduced by 60 to 80 percent. All of this results in eliminating human error and improving efficiency and effectiveness.

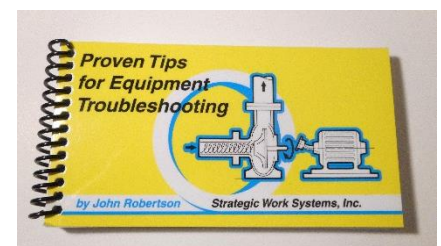
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Proven Tips for Equipment Troubleshooting - Item Number: 030

- Buy 1-5 at **\$12.00** each
- Buy 6-10 at **\$11.00** each
- Buy 11 or more at **\$10.00** each

by John Robertson

More than 100 illustrated pages of problem-solving tips. Use this pocket-size handbook for helping maintenance personnel, operators, reliability technicians, and others understand the many factors that contribute to improved equipment performance and reliability and ultimately lower operating costs. (140 pages, 3-1/2" x 6-3/4", spiral bound.)

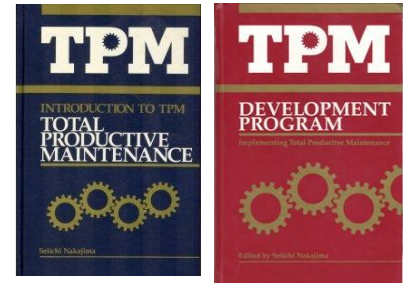


Nakajima's TPM two book set - Item Number: 060

\$150.00

Introduction to TPM and TPM Development Program

We have a few sets of the best books on what *Total Productive Maintenance* was intended to be. Written and edited by Seiichi Nakajima, the father of TPM in the late 1980s, *Introduction to TPM* and *TPM Development Program* are a must-have for the TPM purist!



Vibration Analysis Pickup Discs - Item Number: 032

- Buy 1-99 at **\$0.40** each
- Buy 100 or more at **\$0.36** each

These corrosion-resistant discs can be attached to motors, gear boxes, bearing housings, and other equipment to provide flat and positive mounting locations for magnetic pickups (transducers, accelerometers). They are about .082 inches thick and 1.06 inches in diameter and are made of 410 stainless steel.

Note: The discs should be glued with a high-strength, hard-setting epoxy such as Loctite 330 ("Depend") or SAF-T-LOK SA-5 adhesive and SA solventless activator.



Paint Pens - Item Number: 004

- Buy 1-11 at **\$5.50** each
- Buy 12 or more at **\$5.00** each

Marking gauges, bolts, nuts, or lube points is easier with these fast-drying, permanent, high-gloss, felt-tip markers.

Available in white, yellow, red, orange, green, black, and blue lead-free colors.

Select Options: in white, yellow, red, orange, green, black, or blue



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