This manual has been prepared to ensure that our vendors comply with the United States Customs Regulations. By following this manual, Pitney Bowes will be able to import goods into the US without serious delays due to missing or incorrect information. The enclosed data was prepared based on the United States Customs Regulations.

There are four sections to this manual. They are:
1) Invoicing Standards for Commercial shipments (page 2), Return shipments (page 5), Test Shipments (page 8) and Sample shipments (page 11). Each standard consists of three pages.
   a) The first page explains how to prepare the invoice
   b) The second page provides an example of the invoice
   c) The third page provides an example of a packing list
2) Alphabetized product list which requires that the product net weight be listed on the commercial invoice or packing slip. If part of the product name that you are shipping shows up on the list, you MUST indicate the product’s net weight (page 14).
3) Alphabetized product list, which requires additional information to be noted on the commercial invoice for proper classification to US Customs. You may be requested to answer the questions on section 4 below. If the product name is on the list, you must answer all questions by either sending a copy of the questionnaire with the shipment or by adding the details to the commercial invoice (starts page 15).
4) Product specific technical questions, which must be completed to ensure proper classification (starts page 18).

Should there be any questions on this manual, call Robert Emma, 203-426-7328, or send email to robert.emma@pb.com.
COMMERCIAL INVOICE DETAILS

Below you will find a list of items required on the commercial invoice supplied by Pitney Bowes (PB) vendors. If you should require clarity on any item, please contact Robert Emma, 203-426-7328. (NOTE: One invoice should be created for every individual shipment, not each purchase order. A shipment is equal to one bill of lading)

1. Supplier Company Name, Address, Telephone and Fax number
2. Supplier Invoice Number (same number issued for payment)
3. Invoice Date
4. Company Name and Address which the goods were sold to
5. Company Name and Address where the goods are to be shipped to
6. Invoicing Terms (INCO TERMS)
7. Form of Currency which PB is being invoiced
8. Country of Manufacture (origin)
   a. If more than one origin, list the origin next to the product/component number.
9. Purchase Order Number
   a. For multiple purchase orders on one invoice, list the purchase order number prior to the part numbers shipped against that purchase order.
10. Product Number / Component Number
   a. The Pitney Bowes product or component number must be listed. Not the supplier part number
11. Product Description (*)
    a. Finished Goods
       i. Complete Description of the product – include as much detail as possible
    b. Parts
       i. Complete Description of the product/item.
       ii. Product Content (ie: plastic, Steel, copper)
       iii. Describe the function of the part
       iv. List the finished goods or machine the part is made for
       v. Belts & Bearings require the name of the actual manufacturer and Country where they were made
12. Units Shipped
   a. List the number of units shipped per part/item number
13. Price Per Unit
14. Net Weight Per Unit
15. Extended Price (Price Per Unit multiplied by the Number of Units Shipped)
16. Total Invoice Value
17. Provide any details pertaining to Assists for the product on the invoice
18. Finished goods where items were supplied or additional payments were made, shall include the details of the transaction. For Example:
   a. “Materials were supplied free of charge by Pitney Bowes, Inc. Under PO _______ and was valued at $_______ per unit. These goods were shipped CIF delivered and are not included in the value set forth above. <OR>
   b. Engineering charges of US $____ were previously paid by Pitney Bowes Inc. under PO Nos. __________ and are not included in the value set forth above.
19. Provide all Trademark Data
20. Solid Wood Packing Material Statement (SWPM) <or> Certificate
21. HTS number if known (export only)
22. Buying Commissions
23. Selling Commissions
24. Toxic Substance Control Act Statement

(*) Additional information may be required for certain products. See attachments to find a product/part name that requires additional detail
Commercial Invoice Example

ABC Company
Unite 1000 13th Floor
Centre 9 Science Museum Road
Osaka Japan
Tel: 215-09999-9999
Fax: 215-0999-5555

Date: MM/DD/YYYY
Invoice #: abc123456789

Sold To:
Pitney Bowes Inc.
11 Edmond Road
Newtown, CT 06470

Ship To:
35 Washington Street
Stamford, CT 06926

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Price Per Unit</th>
<th>Extended Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO4500011111</td>
<td>Scale (2lb)</td>
<td>Japan</td>
<td>50</td>
<td>$35.00</td>
<td>$1,750.00</td>
</tr>
<tr>
<td>123456789</td>
<td>Seal Moistener</td>
<td>China</td>
<td>200</td>
<td>$1.25</td>
<td>$250.00</td>
</tr>
<tr>
<td>PO4500012111</td>
<td>Inserting Machine</td>
<td>China</td>
<td>10</td>
<td>$125.00</td>
<td>$1,250.00</td>
</tr>
<tr>
<td>987654</td>
<td>Steel Screw M 4x16</td>
<td>Japan</td>
<td>1000</td>
<td>$0.10</td>
<td>$100.00</td>
</tr>
<tr>
<td>PO5500002211</td>
<td>Motor - 32V - 12W</td>
<td>Hong Kong</td>
<td>25</td>
<td>$7.25</td>
<td>$181.25</td>
</tr>
</tbody>
</table>

TOTAL 1285 $3,531.25

1. Assist Statement if applicable
2. Solid Wood Packing Material Statement (SWPM) <or> Certificate
Commercial Packing List Example

PACKING LIST

ABC Company
Unite 1000 13th Floor
Centre 9 Science Museum Road
Osaka Japan
Tel: 215-09999-9999
Fax: 215-0999-5555

Ship To:
Pitney Bowes Inc.
35 Washington Street
Stamford, CT 06926

PO #: See Below

<table>
<thead>
<tr>
<th>Marks and Numbers</th>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Net Weight KG</th>
<th>Gross Weight KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carton 1-10</td>
<td>J999</td>
<td>Scale (2lb)</td>
<td>Japan</td>
<td>50</td>
<td>100</td>
<td>120</td>
</tr>
<tr>
<td>Carton 11-13</td>
<td>123456789</td>
<td>Seal Moistener</td>
<td>China</td>
<td>200</td>
<td>45</td>
<td>50</td>
</tr>
<tr>
<td>Carton 14-18</td>
<td>9JK9</td>
<td>Inserting Machine</td>
<td>China</td>
<td>10</td>
<td>90.71</td>
<td>105</td>
</tr>
<tr>
<td>Carton 19</td>
<td>987654</td>
<td>Steel Screw M 4x16</td>
<td>Japan</td>
<td>1000</td>
<td>22.68</td>
<td>24.68</td>
</tr>
<tr>
<td>Carton 20-22</td>
<td>321654</td>
<td>Motor - 32V - 12W</td>
<td>Hong Kong</td>
<td>25</td>
<td>56.7</td>
<td>62.5</td>
</tr>
</tbody>
</table>

22 Cartons

| TOTAL             | 1285       | 315.09          | 362.18           |
RETURN SHIPMENT INVOICE DETAILS

Below you will find a list of items required on the commercial invoice supplied by Pitney Bowes (PB) vendors. If you should require clarity on any item, please contact Robert Emma, 203-426-7328. (NOTE: One invoice should be created for every individual shipment, not each purchase order. A shipment is equal to one bill of lading)

1. Supplier Company Name, Address, Telephone and Fax number
2. Supplier Invoice Number (same number issued for payment)
3. Invoice Date
4. Company Name and Address which the goods were sold to
5. Company Name and Address where the goods are to be shipped to
6. Invoicing Terms (INCO Terms)
7. Form of Currency which PB is being invoiced
8. Country of Manufacture (origin)
   a. If more than one origin, list the origin next to the product/component number.
9. Purchase Order Number (PO)/Return Authorization Number (RA)/PB Export Number (EN)
   a. For multiple purchase orders on one invoice, list the PO/RA/EN number prior to the part numbers shipped against that purchase order.
10. Product Number / Component Number
    a. The Pitney Bowes product or component number must be listed. Not the supplier part number
11. Product Description (*)
    a. Finished Goods
       i. Complete Description of the product – include as much detail as possible
    b. Parts
       i. Complete Description of the product/item.
       ii. Product Content (ie: plastic, Steel, copper)
       iii. Describe the function of the part
       iv. List the finished goods or machine the part is made for
       v. Belts & Bearings require the name of the actual manufacturer and Country where they were made
12. Units Shipped
    a. List the number of units shipped per product/component number
13. Price Per Unit NOTE: there will be two values listed for each product if the item is a return after repair
    a. Price per unit for the value of the machine prior to the repair (original sale value to PB)
    b. Cost to repair the unit. This must encompass all costs contributing to repairing the item.
14. Net Weight Per Unit
15. Extended Price (Price Per Unit multiplied by the Number of Units Shipped)
16. Total Invoice Value
17. Provide any details pertaining to Assists for the product on the invoice
18. Provide all Trademark Data
19. Solid Wood Packing Material Statement (SWPM) <or> Certificate
20. HTS number if known (export only)
21. Buying Commissions
22. Selling Commissions
23. Toxic Substance Control Act Statement –Chemicals Only (inks, dies etc.)
24. If the repair is FREE OF CHARGE to PB, then the statement “NO CHARGE TO PITNEY BOWES – REPAIR FREE OF CHARGE” must be noted on the invoice.
25. If the return is for other reasons than “ after repair”, please state the reason for the return on the invoice. (ie: incorrect goods shipped, returned from exhibition, defective goods, etc.)

(*) Additional information may be required for certain products. See attachments to find a product/part name that requires additional detail.
## Return Shipment Invoice Example

**ABC Company**  
Unite 1000 13th Floor  
Centre 9 Science Museum Road  
Osaka Japan  
Tel: 215-09999-9999  
Fax: 215-0999-5555  

**Date:** MM/DD/YYYY  
**Invoice #:** abc123456789

### Sold To:  
Pitney Bowes Inc.  
11 Edmond Road  
Newtown, CT 06470

### Ship To:  
35 Washington Street  
Stamford, CT 06926

<table>
<thead>
<tr>
<th>Inco Terms:</th>
<th>EXW Osaka Factory</th>
<th>PO #:</th>
<th>333355555</th>
<th>Return ID</th>
<th></th>
<th>Currency:</th>
<th>USD</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Price Per Unit</th>
<th>Extended Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>J999</td>
<td>Scale (2lb) Returned after Repair (*)</td>
<td>China</td>
<td>50</td>
<td>$35.00</td>
<td>$1,750.00</td>
</tr>
<tr>
<td></td>
<td>Repair Value for Customs Purposes Only (**)</td>
<td>Repaired in Japan</td>
<td></td>
<td></td>
<td>$148.00</td>
</tr>
</tbody>
</table>

**NO CHARGE TO PITNEY BOWES - REPAIR FREE OF CHARGE**

**TOTAL**  
50 | $1,898.00

1. Assist Statement if applicable  
2. Solid Wood Packing Material Statement (SWPM) <or> Certificate
Return Shipment Packing List Example

PACKING LIST

ABC Company
Unite 1000 13th Floor
Centre 9 Science Museum Road
Osaka Japan
Tel: 215-09999-9999
Fax: 215-0999-5555

Ship To:
Pitney Bowes Inc.
35 Washington Street
Stamford, CT 06926

PO #: Return ID 333355555

<table>
<thead>
<tr>
<th>Marks and Numbers</th>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Net Weight KG</th>
<th>Gross Weight KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carton 1-10</td>
<td>J999</td>
<td>Scale (2lb)</td>
<td>China</td>
<td>50</td>
<td>100</td>
<td>120</td>
</tr>
</tbody>
</table>

10 Cartons

| TOTAL             | 50         | 100          | 120          |
TEST EQUIPMENT INVOICE DETAILS

Below you will find a list of items required on the commercial invoice supplied by Pitney Bowes (PB) vendors. If you should require clarity on any item, please contact Robert Emma, 203-426-7328. (NOTE: One invoice should be created for every individual shipment, not each purchase order. A shipment is equal to one bill of lading)

1. Supplier Company Name, Address, Telephone and Fax number
2. Supplier Invoice Number (same number issued for payment)
3. Invoice Date
4. Company Name and Address which the goods were sold to
5. Company Name and Address where the goods are to be shipped to
6. Invoicing Terms (INCO Terms)
7. Form of Currency which PB is being invoiced
8. Country of Manufacture (origin)
   a. If more than one origin, list the origin next to the product/component number.
9. Purchase Order Number
10. Product Number / Component Number
   a. The Pitney Bowes product or component number must be listed. Not the supplier part number
11. Product Description (*)
   a. Finished Goods
      i. Complete Description of the product – include as much detail as possible
   b. Parts
      vi. Complete Description of the product/item.
      vii. Product Content (ie: plastic, Steel, copper)
      viii. Describe the function of the part
      ix. List the finished goods or machine the part is made for
      x. Belts & Bearings require the name of the actual manufacturer and Country where they were made
12. Units Shipped
   a. List the number of units shipped per product/component number
   b. Price Per Unit - A price MUST be established for Test items.
13. Net Weight Per Unit
14. Extended Price (Price Per Unit multiplied by the Number of Units Shipped)
15. Total Invoice Value
16. Provide any details pertaining to Assists for the product on the invoice
17. Provide all Trademark Data
18. Solid Wood Packing Material Statement (SWPM) <or> Certificate
19. HTS number if known (export only)
20. Buying Commissions
21. Selling Commissions
22. Toxic Substance Control Act Statement – Chemicals Only (inks, dies etc.)
23. If the test item is FREE OF CHARGE to PB, then the statement “Values are for US Customs Purposes Only. No charge to Importer. Items are for testing purposes only. Not for resale”
24. If the test equipment is to be returned to the vendor, then the following statement must be noted on the invoice “Temporary Import-Te Be Returned After Testing”

(*) Additional information may be required for certain products. See attachments to find a product/part name that requires additional detail
Test Equipment Invoice Example

ABC Company
Unite 1000 13th Floor
Centre 9 Science Museum Road
Osaka Japan
Tel: 215-09999-9999
Fax: 215-0999-5555

Date: MM/DD/YYYY
Invoice #: abc123456789

Sold To:
Pitney Bowes Inc.
11 Edmond Road
Newtown, CT 06470

Ship To:
35 Washington Street
Stamford, CT 06926
Atten: John Walker

Inco Terms: EXW Osaka Factory
PO #: 450000000009
Currency: USD

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Price Per Unit</th>
<th>Extended Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>J999</td>
<td>Scale (2lb)</td>
<td>Japan</td>
<td>50</td>
<td>$35.00</td>
<td>$1,750.00</td>
</tr>
<tr>
<td>9JK9</td>
<td>Inserting Machine</td>
<td>China</td>
<td>10</td>
<td>$125.00</td>
<td>$1,250.00</td>
</tr>
</tbody>
</table>

Values are for US Customs Purposes only. No charge to Importer.

Items are for testing purposes only. Not for resale.

To be returned after testing

TOTAL

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>$3,000.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Assist Statement if applicable
2. Solid Wood Packing Material Statement (SWPM) <or> Certificate
## Test Equipment Packing List Example

### PACKING LIST

ABC Company  
Unite 1000 13th Floor  
Centre 9  Science Museum Road  
Osaka Japan  
Tel: 215-09999-9999  
Fax: 215-0999-5555

**Ship To:**  
Pitney Bowes Inc.  
35 Washington Street  
Stamford, CT 06926

**PO #:** 4500000000006

<table>
<thead>
<tr>
<th>Marks and Numbers</th>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Net Weight KG</th>
<th>Gross Weight KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carton 1-10</td>
<td>J999</td>
<td>Scale (2lb)</td>
<td>Japan</td>
<td>50</td>
<td>100</td>
<td>120</td>
</tr>
<tr>
<td>Carton 11-15</td>
<td>9JK9</td>
<td>Inserting Machine</td>
<td>China</td>
<td>10</td>
<td>90.71</td>
<td>105</td>
</tr>
</tbody>
</table>

15 Cartons  

**TOTAL**  
60 190.71 225
SAMPLE SHIPMENT INVOICE DETAILS

Below you will find a list of items required on the commercial invoice supplied by Pitney Bowes (PB) vendors. If you should require clarity on any item, please contact Robert Emma, 203-426-7328. (NOTE: One invoice should be created for every individual shipment, not each purchase order. A shipment is equal to one bill of lading)

1. Supplier Company Name, Address, Telephone and Fax number
2. Supplier Invoice Number (same number issued for payment)
3. Invoice Date
4. Company Name and Address which the goods were sold to
5. Company Name and Address where the goods are to be shipped to
6. Invoicing Terms (INCO Terms)
7. Form of Currency which PB is being invoiced
8. Country of Manufacture (origin)
   a. If more than one origin, list the origin next to the product/component number.
9. Product Number / Component Number
   a. Indicate the identification number of the bulk items being shipped (if any)
10. Product Description (*)
    a. Items
       i. Complete Description each item (i.e.: size of envelope/paper)
       ii. Product Content (i.e.: wood pulp)
       iii. Describe the function of the item
11. Units Shipped
    a. List the number of units shipped for each item
    b. Price Per Unit - A price MUST be established for Test items.
12. Net Weight Per Unit
13. Extended Price (Price Per Unit multiplied by the Number of Units Shipped)
14. Total Invoice Value
15. Provide any details pertaining to Assists for the product on the invoice
16. Provide all Trademark Data
17. Solid Wood Packing Material Statement (SWPM) <or> Certificate
18. HTS number if known (export only)
19. Buying Commissions
20. Selling Commissions
21. Toxic Substance Control Act Statement - Chemicals Only (inks, dies etc.)
22. If the test item is FREE OF CHARGE to PB, then the statement "Values are for US Customs Purposes Only. No charge to Importer. Samples for testing purposes only. Not for resale" must be noted on the invoice.

(*) Additional information may be required for certain products. See attachments to find a product/part name that requires additional detail
Sample Shipment Invoice Example

ABC Company
29 London Avenue
United Kingdom

Tel: 215-09999-9999
Fax: 215-09999-5555

Date: MM/DD/YYYY
Invoice #: abc123456789

Sold To:
Pitney Bowes Inc.
11 Edmond Road
Newtown, CT 06470

Ship To:
35 Washington Street
Stamford, CT 06926
Atten: Joe Foster

Inco Terms: EXW UK Factory  PO #: 45000000009  Currency: USD

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Price Per Unit</th>
<th>Extended Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>J999</td>
<td>Envelopes - Standard white [net weight 0.2 g]</td>
<td>UK</td>
<td>200</td>
<td>$ 0.15</td>
<td>$ 30.00</td>
</tr>
<tr>
<td>9JK9</td>
<td>Paper - plain 8.5 x 11 inch [net weight 0.3g]</td>
<td>Germany</td>
<td>200</td>
<td>$ 0.10</td>
<td>$ 20.00</td>
</tr>
</tbody>
</table>

Values are for US Customs Purposes only. No charge to Importer. Not for resale

Samples for testing machines.

TOTAL 400 $ 50.00

1. Solid Wood Packing Material Statement (SWPM) <or>
Certificate
Sample Shipment Packing List Example

PACKING LIST

ABC Company
29 London Avenue
United Kingdom

Tel: 215-09999-9999
Fax: 215-0999-5555

Ship To:
Pitney Bowes Inc.
35 Washington Street
Stamford, CT 06926

PO #: 450000000006

<table>
<thead>
<tr>
<th>Marks and Numbers</th>
<th>Product ID</th>
<th>Product Name and Description</th>
<th>Country of Origin</th>
<th>Units</th>
<th>Total Net Weight KG</th>
<th>Total Gross Weight KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carton 1</td>
<td>J999</td>
<td>Paper - plain 8.5 x 11 inch</td>
<td>UK</td>
<td>200</td>
<td>1.5</td>
<td>1.8</td>
</tr>
<tr>
<td>Carton 1</td>
<td>9JK9</td>
<td>Paper - plain 8.5 x 11 inch</td>
<td>Germany</td>
<td>200</td>
<td>2</td>
<td>2.2</td>
</tr>
</tbody>
</table>

1 Cartons

| TOTAL | 400 | 3.5 | 4 |
Alphabetized product list requiring the product net weight.
The following list of items REQUIRES a Net Weight. For each item shipped, you MUST indicate the item net weight on the packing list/commercial invoice. If only part of the item name is in the product being shipped, then you MUST indicate the net weight also.

A4 Sheet
Airshaft
Angle Complete
Anti Static Coating
Axel
Bearing
Belt
Belt Pulley
Blade
Bolt
Box
Bracket
Bracket Mounting Pin
Brush
Bushing
Cable Strap
Cap
Cardboard
Castor
C-Clip
Chain
Cover Lock Assy
Cutsheets
Cutter
Damper
Decal
Display Overlay
Dust Ring
Eccentric Pillar
Electrodes
Encoder Mounting Plate
Envelopes
Fiber Optic Support
Flange
Flexible Cable Wires
Forms
Gear
Gearbox
Generator
Glue
Grease
Ground Braid

Ink Cartridge
Inserts
Keyboard Membrane
Knob
Label
Latch
Leaflets
Lens Packers
Letters
Lever
Locking Housing
Moistener
Nut
O ring
Open Ended Ring Spanner
Packing Insert
Paper
Paper Retard
Pin
Piston
Pivot Insert Frame
Plastic Ball
Pulley
Roller
Screw
Seal
Sealer
Shaft
Slide Assy
Silicon Oil
Spindle
Spring
Steel Ball
Stud
Tape Adhesive
Technical Documentation
Torz Head Screw
Valve
Washer
Wetting Cloth
Wheel Pivot
Wick Assy
<table>
<thead>
<tr>
<th>Product Description</th>
<th>Information Needed for U.S. Classification Assignment</th>
<th>Part also known as</th>
<th>Page #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assemblies</td>
<td>What are the components and function of the assembly? See Multifunctional Assemblies Guide</td>
<td>fold roller;motor;cup moistener;docu.hopper</td>
<td>37</td>
</tr>
<tr>
<td>Battery</td>
<td>See 'Battery' guide.</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Bearing</td>
<td>See 'Bearing' guide.</td>
<td></td>
<td>19</td>
</tr>
<tr>
<td>Belts</td>
<td>See 'Belt' guide.</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Bolt</td>
<td>See 'Bolt' guide.</td>
<td></td>
<td>23</td>
</tr>
<tr>
<td>Bottle/Containers</td>
<td>What is the composition (plastic, glass, etc) and volume (550 ml, etc) of the bottle/container?</td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>Bracket</td>
<td>What is the purpose and the composition of the bracket?</td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>Brake</td>
<td>Is the brake electromagnetic or not?</td>
<td></td>
<td>55</td>
</tr>
<tr>
<td>Brush</td>
<td>What is the use of the brush and its composition?</td>
<td></td>
<td>55</td>
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<tr>
<td>Bushing</td>
<td>Confirm this is not a bearing. If a bearing see guide</td>
<td></td>
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<td>Cable</td>
<td>See 'Wire and Cable' guide.</td>
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<td>Capacitor</td>
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<td>Cardboard</td>
<td>How is the cardboard used and is it corrugated?</td>
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<td>Castor</td>
<td>What is the diameter of the castor with the tyre?</td>
<td></td>
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<td>Chain</td>
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<td>Circuit breaker</td>
<td>Is the circuit breaker in a molded case and what is the voltage?</td>
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<td>Clamp</td>
<td>What is the purpose and the composition of the clamp?</td>
<td></td>
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<tr>
<td>Clip</td>
<td>What type of clip, ie.circlip? What is the composition of the clip? What is the clip used for?</td>
<td></td>
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<tr>
<td>Clutch</td>
<td>Is the clutch electromagnetic or not?</td>
<td></td>
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<tr>
<td>Collar</td>
<td>What is the composition of the collar and how does it function?</td>
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<tr>
<td>Connectors</td>
<td>See 'Plugs, Sockets And Connectors' guide.</td>
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<td>Control panel</td>
<td>Does control panel include the keyboard?</td>
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<td>Cord</td>
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<td>connector cord; handset cord</td>
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<td>Folder</td>
<td>Is this a table top machine or does it stand on the floor?</td>
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<td>Fuse</td>
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<td>Gasket</td>
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<td>General Goods</td>
<td>See ‘General Goods’ guide</td>
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<td>Handles &amp; knobs</td>
<td>What is the composition (plastic, metal, etc)?</td>
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<td>Hinge</td>
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<td>Holder</td>
<td>What is the function?</td>
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<td>Indicator Panel</td>
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<td>Ink</td>
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<td>Inserter</td>
<td>Is this a table top machine or does it stand on the floor?</td>
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<td>Instruction sheet</td>
<td>What is the composition and how many pages?</td>
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<td>Inverter</td>
<td>See ‘Power Supply’ guide.</td>
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<td>Label</td>
<td>What is the composition; dimensions and does it contain adhesive?</td>
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<td>Lamp</td>
<td>See ‘Lamp’ guide</td>
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<td>What is the composition and function?</td>
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<td>See ‘Diodes, Transistors’ guide.</td>
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<td>Lens</td>
<td>Is this optically worked and is it mounted?</td>
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<td>Lever</td>
<td>What is the composition and use?</td>
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<td>Magnet</td>
<td>Is this made of metal?</td>
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<td>See ‘Integrated Circuit’ guide. (Revision 1) (2 pages)</td>
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<td>Mirror</td>
<td>Is this optically worked and is it mounted?</td>
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<td>Pawl</td>
<td>What is the composition and use?</td>
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<td>See ‘Plugs, Sockets, Connectors’ guide</td>
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<td>Potentiometer</td>
<td>Is this wire wound or variable; what is the wattage?</td>
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<td>Power supply</td>
<td>See ‘Power Supply’ guide</td>
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<td>Printed Circuit</td>
<td>See ‘Printed Circuit’ guide</td>
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<td>Printed circuit board</td>
<td>Does it contain relays, circuit breakers, fuses, or switches?</td>
<td>PCB; P C Board</td>
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<td>Printed wiring board</td>
<td>Does it contain relays, circuit breakers, fuses, or switches?</td>
<td>PWB; P W board</td>
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<td>Printer</td>
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<td>Pulley</td>
<td>Is this a grooved pulley?</td>
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<td>Rectifier</td>
<td>See ‘Power Supply’ guide</td>
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<td>Relay</td>
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<td>Resistor</td>
<td>See 'Resistor' guide.</td>
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<td>Ring</td>
<td>What is the composition?</td>
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<td>Scale</td>
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<td>Screws</td>
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<td>Seal</td>
<td>See 'Seal' guide.</td>
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<tr>
<td>Sensors</td>
<td>Is this a photo sensor, optical coupled sensor, safety light curtain, or a solid-state switch?</td>
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<td>Shaft</td>
<td>See 'Transmission' guide.</td>
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<td>Sheet</td>
<td>What is the composition; dimensions and does it contain adhesive?</td>
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<td>Socket</td>
<td>See 'Plugs, Sockets, Connectors' guide</td>
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<td>Solenoid</td>
<td>Is this electromagnetic?</td>
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<td>Spacer</td>
<td>What is the composition and use?</td>
<td></td>
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<tr>
<td>Sponge</td>
<td>What is the composition and use?</td>
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<td>Spring</td>
<td>See 'Spring' guide.</td>
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<td>Stopper</td>
<td>What is the composition and use?</td>
<td></td>
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<tr>
<td>Stud</td>
<td>What is the composition and is it threaded?</td>
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<td>Switch</td>
<td>See 'Switch' guide.</td>
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<td>Terminal</td>
<td>See 'Plugs, Sockets, Connectors' guide</td>
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<tr>
<td>Tool</td>
<td>How is the tool used?</td>
<td></td>
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<tr>
<td>Transformer</td>
<td>Is this a liquid transformer? What is the kVA rating? If less than 1kVA what is the VA rating?</td>
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<tr>
<td>Washer</td>
<td>See 'Washer' guide.</td>
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<tr>
<td>Wire</td>
<td>See 'Wire and Cable' guide; See 'Electric Cable' guide.</td>
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<tr>
<td><strong>ANY PRODUCT NOT LISTED</strong></td>
<td>See 'General Goods' guide</td>
<td></td>
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</table>
CLASSIFICATION GUIDE FOR BATTERIES

Please answer the following questions regarding BATTERIES (choose 1. Primary OR 2. Electric storage and then the appropriate details):

Part#__________________________________

1. If PRIMARY Cells or Batteries (Circle a, b, c, d, e, or, f, and appropriate details as necessary):
   a. Manganese dioxide
   b. Mercuric oxide
      i. Having an external volume not exceeding 300 cm$^3$
      ii. Other
   c. Silver oxide
      i. Having an external volume not exceeding 300 cm$^3$
      ii. Other
   d. Lithium
   e. Air-zinc
   f. Other

2. If ELECTRIC STORAGE BATTERIES (Circle a, b, c, d, or, e, and appropriate details as necessary):
   a. Lead-acid storage batteries, of a kind used for starting piston engines
      i. 12V batteries
      1. NOT exceeding 6 kg in weight
      2. exceeding 6 kg in weight
      ii. Other
   b. Other lead-acid storage batteries
      i. Used as the primary source for electrically powered vehicles
      ii. 6 V batteries
      iii. 12 V batteries
      iv. 36 V batteries
      v. Other
   c. Nickel-cadmium storage batteries
      i. Used as the primary source for electrically powered vehicles
      ii. Sealed
      iii. Other
   d. Nickel-iron storage batteries
      i. Used as the primary source for electrically powered vehicles
      ii. Other
   e. Other storage batteries
      i. Used as the primary source of electrically powered vehicles
      ii. Other
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: BEARINGS

I). Please answer the following questions regarding this product line:

1) Is the item a ball bearing, roller bearing or combined ball/roller bearing (circle one)?
2) Who is the actual manufacturer of the item? _________________________________
3) What is the country of manufacture of the item? ______________________________

II. If the bearing is a ball bearing, answer the following:

1) Does the bearing have an integral shaft (yes or no)?
   A) If it does have an integral shaft, is the outside diameter more or less (circle one) than 30 mm?
2) If the ball bearing does not have an integral shaft, please indicate the specific type:
   a) ___ Thrust bearing
   b) ___ Linear bearing
   c) ___ Angular contact bearing
   d) ___ Radial bearing** see 3 & 4 below
   e) ___ Ball bearing other then above options

III. If the bearing is a radial bearing, does it contain single or double (circle one) ball bearings?

IV. If the radial ball bearing is a single row bearing,
   a) Is it maximum or full capacity type?
   b) Please indicate outside diameter ______mm

V. If the bearing is a roller bearing, please indicate the specific type:

a) ___ Tapered roller bearing, with cup and cone assemblies entered as a set
b) ___ Tapered roller bearing, with cone assemblies entered separately
c) ___ Spherical roller bearing , single row
d) ___ Spherical roller bearing, double or more rows
e) ___ Needle roller bearing , please indicate roller length ______mm & diameter _____mm
f) ___ Cylindrical roller bearing
g) ___ Roller bearings other than above options

IV. If bearing is a combination ball/roller bearing, please indicate specific type:

a) ___ Combined ball and spherical roller bearing
b) ___ Combined ball and needle roller bearing
c) ___ Combined ball and cylindrical roller bearing
d) ___ Combined ball/roller bearing other than above options

V). If the bearing is a plain shaft bearing is it in a housing (yes / no)?
   a) If housed, is it a rod end bearing (yes / no)?
   b) If not housed, is it spherical (yes / no)?

If other than any of the above please describe, including such items as bushings, bearing housings for ball, roller or other (please specify), flange, take-up cartridge, & hanger units, or other (please specify) and housed bearings incorporating ball or roller bearings (please specify or describe below)

____________________________________________________________________________
____________________________________________________________________________

Part or Item numbers this would apply to:
____________________________________________________
____________________________________________________

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PRODUCT FAMILY CLASSIFICATION GUIDE FOR: BELTS

Please answer the following questions about BELTS:

1) **Type** of belt: (Choose one)
   a. Conveyor
   b. V-belt
   c. Synchronous
   d. Other

2) **Material**: (Choose one) a) plastic, b) rubber, or c) textile and the appropriate additional information as applicable)
   A) If Plastic:
      1) Does the belt contain textile fibers? Please specify textile component that *predominates* by weight over any other textile fiber.
      2) Other
   B) If **Vulcanized Rubber**: (please provide details for 1, 2 & 3)
      1) Circumference of belt in cm.
      2) Width of belt in cm
      3) Please specify if the belt is reinforced with *any or all* of the following components:
         a) Metal
         b) Plastics
         c) Textile materials—*please specify* the *textile component* that *predominates* by weight
         d) Not reinforced
   C) If **Textile Material**: (choose one)
      1) Man-made fibers
      2) Other
      3) Name of *Actual Manufacturer* of the belt:
      4) *Country of Origin* of the belt:

Part number:_______________________________________________________________________________

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PRODUCT GUIDE FOR BLANK PAPER

Please choose the appropriate type of paper and answer the corresponding questions.

What type of paper is this:

A) Newsprint
   1) Standard newsprint in rolls or sheets?
   2) Other newsprint in rolls or sheets?

B) Is this paper & paperboard of a kind used for Writing, printing, or other graphic purposes?
   1) Is paper coated or uncoated?____________
   2) If coated, what is it coated with?____________
   3) If coated, One or both sides?____________
   4) Handmade paper & paperboard
   5) Paper & paperboard of a kind used as a base for photosensitive, heat-sensitive or electro sensitive paper or paperboard.
      a) Provide dimensions of this type of paper _______cm X _______cm
      b) Basic paper to be sensitized for use in photography
      c) What is the % of cotton fiber in this paper?_______% 

6) Is this carbonizing base paper?
   a) Please provide dimensions
   b) What is the weight of this paper __________g/m2?
   c) What is the % of cotton fiber in this paper?________% 

7) Other paper or paperboard
   a) Is the content of fiber obtained by a mechanical or chemi-mechanical process? ________________    If yes, more than 10% of weight OR less than 10% of weight ______________
   b) What is the weight of this paper __________g/m2?
   c) Is this writing paper?
   d) Is this India & bible paper?
   e) Is it strips, rolls, sheets, or other (please specify)______________
   f) Is this printed*, embossed, or perforated?
   g) Is this drawing paper?
   h) Is this hole-punched loose leaf paper?
   i) Basic paper to be sensitized for use in photography?
   j) What is the cotton fiber content weight of this paper?
   k) What are the dimensions of this paper _______cm X _______cm? (IF folded, measure in unfolded state)

C) Kraft paper & paperboard other than above
   a) Is it coated or uncoated?____________
   b) Is this Kraftliner, Sack kraft paper or other kraft paper (please specify)?________________--
   c) Is this unbleached?
   d) Is it strips, rolls or sheets (please specify)____________
   e) What are the dimensions _______cm x _______cm.
   f) Is it condenser paper?
g) Is it wrapping paper?

h) Is it cards or card material, not punched, for punchcard machines?

i) What is the weight of this Kraft paper g/m²?

D) Other paper
   1) Is this vegetable parchment, greaseproof paper, tracing paper and glassine and other glazed transparent of translucent paper?
   2) Is this paper in rolls or sheets?

E) Is this Composite paper & paperboard
   1) Is this paper laminated internally with bitumen, tar or asphalt?
   2) Is this straw paper & paperboard?
   3) Is this cloth lined or reinforced paper?
   4) Is this any other type of composite paper & paperboard?

F) Is this corrugated paper or paperboard; creped, crinkled, embossed or perforated in rolls or sheets (please specify type)?

G) Is this carbon, self copy, and other copying, or transfer paper (please specify type)?
   1) What is the weight of this paper g/m²?
   2) Are these rolls or sheets?
   3) What are the dimensions cm x cm?

* Printed is defined as: colored, marbled, designed or motif print incidental to primary use. Does NOT include text or printing for primary use of paper.
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: BOLTS

Please answer the following questions regarding this product line:

1) Does the bolt have shanks or threads with a diameter of more or less (circle one) than 6 mm?
2) What material is bolt made of (circle one): iron, steel, aluminum, copper, brass, other ______________(please specify)?
3) What kind of head does the bolt have:
   ___ round head
   ___ hexagonal head
   ___ head other than round or hexagonal

4) Please specify type of bolt this is:
   ___ track bolt
   ___ structural bolt
   ___ bent bolt
   ___ bolt other than above options

Part or Item numbers this would apply to:
__________________________________________________________________________________
__________________________________________________________________________________
____________________________________________________
Product Classification Guide for Capacitors

Please answer the following questions for capacitors: (choose fixed or variable):

1. **Fixed Capacitors** (circle one letter & its appropriate details)
   a) If Designed for use in 50/60Hz circuits & having a reactive power handling capacity of not less than 0.5 kvar. (power capacitors)
   
   b) If Tantalum (choose one)
      1. Metal case
      2. Dipped
      3. Designed for surface mounting (SMD) by contact
      4. Other
   
   c) If Aluminum electrolytic
      1. Please provide diameter
   
   d) If Ceramic dielectric, single layer OR multi-layer (circle one), **AND** choose 1, 2, or 3:
      1. Chips
      2. Axial leads
      3. Radial leads
   
   e) If Dielectric of paper or plastics (choose one)
      1. Alternating current—please specify voltage
      2. Other—Please circle type of leads: Leadless, Axial, Radial, or Other
   
   f) If Other (choose one)
      1. Mica dielectric
      2. Other

2. **Variable or adjustable (pre-set) capacitors** (choose one)
   a) Mica, ceramic or glass dielectric
   b) Other

Part#__________________________________________________________________________________________
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: CHAIN

Please answer the following questions regarding this product line:

1) Is the chain made of iron, steel or copper (circle one)?
   If chain is made of copper, stop! If chain is made of iron or steel, proceed.

2) What is the diameter of the chain – less than 8 mm, 8-10 mm, over 10 mm (circle one)?

3) Please specify the type of chain:
   ___ articulated link roller chain
   ___ articulated link welded steel chain
   ___ articulated link cast and combination chain
   ___ other type of articulated link chain
   ___ skid chain
   ___ stud chain
   ___ welded link, other than articulated or skid, of alloy steel
   ___ welded link, other than articulated or skid, of iron or non alloy steel
   ___ chain, other than all above options, with essentially round cross sections
   ___ chain, other than all above options

Part or Item numbers this would apply to:
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________

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PRODUCT FAMILY GUIDE SHEET FOR:
A. DIODES
B. TRANSISTORS
C. THYRISTORS
D. PHOTORECEPTIVE SEMICONDUCTORS, ETC…

Please choose the correct heading and applicable details that follow

1) Diodes:
   i) Light Emitting Diodes
   ii) Photoreceptive Diodes
      (a) Unmounted chips, dice and wafers
      (b) Solar cells
         1. Assembled into modules or made up into panels
         2. Other
      (c) Other photoreceptive diodes
   iii) Other diodes (NOT photoreceptive or light emitting)
      (a) Unmounted chips, dice, and wafers
      (b) Zener
      (c) Microwave
      (d) Other with a maximum current of 0.5 A or LESS

2) Transistors:
   i) Photoreceptive transistors
      (a) Unmounted chips, dice and wafers
      (b) Other photoreceptive transistors
   ii) Transistors, OTHER than photoreceptive
      (a) With a dissipation rate of less than 1 W
         1. Unmounted chips, dice and wafers
         2. With an operating frequency not less than 100 MHz
         3. With an operating frequency not less than 30 MHz

3) Thyristors, diacs, and triacs NOT photoreceptive:
   i) Unmounted chips, dice, and wafers
   ii) Other

4) Other semiconductor devices not included above:
   i) Unmounted dice, chips and wafers

5) Mounted Piezoelectric crystals
   i) Quartz designed for operating frequencies of:
      (a) 32.768 kHz
      (b) NOT exceeding 1 MHz, except 32.768kHz
      (c) Exceeding 1 MHz but not exceeding 5 MHz
      (d) Exceeding 5 MHz but not exceeding 20MHz
      (e) Exceeding 20 MHz
   ii) Piezoelectric crystals OTHER than quartz

Part#_________________________________________
Product classification guide for:
* Insulated wire, cable & other electrical conductors:

Please answer the following questions regarding this product line:

1. Is the cable coaxial?
2. Is it fitted with connectors?
3. Is it made of copper?
4. Is it Optical fiber cable? If Optical Fiber, please provide length in meters.
5. Please specify voltage.
6. Is the cable of a kind used for telecommunications?
7. What is the Net weight?

Part#___________________________________________
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: FANS

Please answer the following questions regarding this product line:

1) Is the fan suitable for use with motor vehicles (yes or no)?

2) Please specify type of fan:

   ___ Centrifugal fan

   ___ Axial fan

   ___ Fan, other than centrifugal or axial

Part or Item numbers this would apply to:

__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
Please answer the following questions regarding this product line:

1) If this filter used for liquids or gases? (Circle one)

If for **liquids**, what type of liquid does it filter (check one)

___ Water
___ Beverages other than water
___ Oil or fuel, used in internal combustion engines
___ Filter other than above options

If for **gases**, what type of application would apply (check one)

___ Intake air filters for internal combustion engines
___ Catalytic converters
___ Dust collection and air purification for machine tools
___ Dust collection and air purification for other than machine tools
___ Gas separation equipment
___ Pneumatic fluid power filters, rated at 550 kPa or greater
___ Filter other than all above options

2) Is this item a complete filter or a part of one of the above (please specify) type of filters?

Part or Item numbers this would apply to:
____________________________________________________
Please answer the following questions regarding this product line:

1) Please specify what the gasket is made of:

___ metal sheeting, with two or more layers of metal
___ metal sheeting, combined with other materials (i.e. paper, rubber, textile)
___ textile material
___ paper or paperboard
___ vulcanized rubber
___ hard rubber
___ plastic (any kind of plastic)

**note: if the gasket is made of more than one material, specify the predominate material above.

Part or Item numbers this would apply to:

__________________________________________________________________________________
__________________________________________________________________________________
____________________________________________________
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: GEAR BOXES

Please answer the following questions regarding this product line:

1) Is the product gears and gearing, or a complete gear box (circle one)?
2) If gears & gearing, is the product a toothed wheel only?
3) If the item is a gear box, specify type:

   ___ fixed ratio speed changer
   ___ multiple and variable speed changer, each ratio of which is selected by manual manipulation
   ___ speed changer, other than above two options

Part or Item numbers this would apply to:

__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
INTEGRATED CIRCUITS

Revised 2/21/03

***The questions below must be answered for ALL integrated circuits and micro assemblies: Please see further definition at bottom

A) Country of Origin ______________

B) If IC is an SRAM, please provide the name of the DESIGN HOUSE (not the foundry).

C) Are the integrated circuits made exclusively with passive elements? Yes or no

D) Are the integrated circuits mounted onto a circuit board? Yes or no

E) Does the assembly consist of a number of electronic microcircuits mounted on an appropriate shaped carrier and designed as a part of digital data processing machine storage? Yes or no

F) Part# _______________________________________________________

G) Model#_____________________________________________________

TYPE OF IC:

1) Cards incorporating electronic integrated circuits (smart cards)

2) Monolithic digital integrated circuits (Digital)
   i) Unmounted chips, dice and wafers:
      (a) Silicon
      (b) Other
   ii) Other, Silicon
      (a) Dynamic read write random access (DRAM)
         1. Need to know the number of mega bits _____
      (b) Static read write random access (SRAM)
         1. Need to know the number of kilo bits _____
      (c) Electrically erasable programmable read only memory (EEPROM)
         1. Need to know the number of kilo bits _____
      (d) Erasable (except electrically) programmable read only memory (EPROM)
         1. Need to know the number of kilo bits _____
      (e) Other memory
   iii) Other, Silicon including microprocessors, controllers, application specific integrated(ASIC) and programmable logic arrays (PLA):
      (a) Microprocessors having an internal data bus of:
         (i) Need to know the number of bits _____
      (b) Other, Transistor-transistor logic(TTL)_______________
      (c) Other, Emitter-coupled logic(ECL)___________________
      (d) Other Logic__________________________________
   iv) Monolithic Integrated Circuit, Digital, Other than Silicon
      (a) Memory, _________________
      (b) Other, including logic
3) Other monolithic integrated circuits, Not Digital
   i) Unmounted chips, dice and wafers
   ii) Other:
       (a) With an operating frequency not less than 100 MHZ
       (b) Other:
           1. Other, including mixed signal (analog/digital):
              i. Logic
              ii. Other
           2. Other

4) Hybrid integrated circuits:
   i) With an operating frequency not less than 30 MHZ
   ii) Other

5) Electronic microassemblies

6) Parts

ELECTRONIC INTEGRATED CIRCUITS AND MICROASSEMBLIES ARE:

1) Monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, interconnections, etc.) are created in the mass (essentially) and on the surface of a semiconductor material (doped silicon, for example) and are inseparably associated.

2) Hybrid integrated circuits in which passive elements (resistors, capacitors, interconnections, etc.) obtained by thin- or thick-film technology and active elements (diodes, transistors, monolithic integrated circuits, etc.) obtained by semiconductor technology, are combined to all intents and purposes indivisibly, on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components.

3) Microassemblies of the molded module, micromodule or similar types, consisting of discrete, active or both active and passive, components which are combined and interconnected.
Product Guide for Kits

Please answer the following questions for Kits:

Part#___________________________

What is the purpose of this kit?

Please list the components & the value of each component in this kit:
Product Guide for Lamps

Please choose the appropriate type of lamp, and answer the question accordingly:

A) Sealed beam lamp units
   1) Is the sealed beam lamp unit under 15.24cm?
   2) Is the sealed beam lamp unit for a vehicle?
      a) If so, what type of vehicle?

B) Ultraviolet or Infrared lamps & arc lamps:
   1) Is this an Ultraviolet lamp?
   2) Is this an Infrared lamp?
   3) Is this an arc lamp?

C) Other filament lamps (EXCLUDING ultraviolet or infrared)
   1) If Tungsten Halogen:
      a) What is the voltage?
      b) Is it designed for a vehicle?
         1) If so, what type of vehicle?
   2) Other filament lamps:
      a) What is the Voltage?
      b) What is the Wattage?
      c) Is it a Christmas tree lamp?
      d) Is it a 3-way lamp?
      e) Is it a decorative lamp?
      f) Is it used in cystoscopes or other surgical instruments?
      g) Is it a Flashlight lamp?

D) Discharge lamps, (OTHER THAN ultraviolet)
   Answer for ALL discharge lamps:
   What is the Wattage?
   What is the Voltage?

   1) Flourescent, hot cathode?
      a) Is the straight tube over 1.2 m?
      b) What type of base does lamp have:(choose one)
         1) Plug-in
         2) Screw-in
         3) Other

   2) Mercury vapor lamp?
   3) Sodium vapor lamp?
   4) Metal halide lamp?
Please answer the following questions regarding this product line:

1) What is the output wattage?

2) Please specify if the motor is:
   ___ Universal AC/DC motor
   ___ DC motor
   ___ AC motor, single-phase
   ___ AC motor, single-phase, gear motor
   ___ AC motor, multi-phase
   ___ AC motor, multi-phase, gear motor

3) If the motor is under 18.65 watts, is the motor synchronous?

4) If a DC motor not exceeding 37.50 watts, is it a brushless motor?

5) What is the Country of Origin of the motor?

Part or Item numbers this would apply to:
__________________________________________________________________________________
__________________________________________________________________________________
____________________________________________________
Product Guide for Multifunctional Assemblies
(Addl.U.S.note 2, HTS)

Please note: to be considered here, a unit must contain at least 2 of the items listed in the applicable assembly.

a) **Control or command assemblies**, incorporating **MORE** than one of the following: printed circuit assembly, hard or flexible(floppy) disk drive, keyboard, user interface;

b) **Light source assemblies**, incorporating **MORE** than one of the following: light emitting diode assembly, gas laser, mirror polygon assembly, base casting;

c) **Laser imaging assemblies**, incorporating **MORE** than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner developing unit, charge/discharge units, cleaning unit;

d) **Image fixing assemblies**, incorporating **MORE** than one of the following: fuser, pressure roller, heating element, release oil dispenser, cleaning unit, electrical control;

e) **Ink jet marking assemblies**, incorporating **MORE** than one of the following: thermal print head, ink dispensing unit, nozzle and reservoir unit, ink heater;

f) **Maintenance/sealing assemblies**, incorporating **MORE** than one of the following: vacuum unit, ink jet covering unit, sealing unit, purging unit;

g) **Paper handling assemblies**, incorporating **MORE** than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray;

h) **Thermal transfer imaging assemblies**, incorporating **MORE** than one of the following: thermal print head, cleaning unit, supply or take-up roller;

i) **Ionographic imaging assemblies**, incorporating **MORE** than one of the following: ion generation and emitting unit, air assist unit, printed circuit assembly, charge receptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle and distribution unit, developing unit, charge/discharge unit, cleaning unit;

j) **Combinations** of the above specified assemblies.

Part#________________________________________

Model#______________________________________
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: NUTS

Please answer the following questions regarding this product line:

1) Please specify what material nut is made of (ie.steel, stainless steel, iron, aluminum, etc.)?

2) Are these lugnuts (yes or no)?

3) If the nut is a lugnut, please specify type:
   ___ non-locking chrome-plated nut
   ___ locking nut
   ___ nut other than above options

Part or Item numbers this would apply to:
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: O-RINGS

Please answer the following questions regarding this product line:

1) Please specify what the gasket is made of:
   ___ metal sheeting, with two or more layers of metal
   ___ metal sheeting, combined with other materials (i.e. paper, rubber, textile)
   ___ textile material
   ___ paper or paperboard
   ___ vulcanized rubber
   ___ hard rubber
   ___ plastic (any kind of plastic)

   **note: if the o-ring is made of more than one material, specify the *predominate* material above.

Part or Item numbers this would apply to:
____________________________________________________
____________________________________________________
____________________________________________________
DELETED
DELETED
Please answer the following questions regarding this product line:

1) Is the pin considered a cotter or cotter pin (circle one)?

2) If not a cotter pin, would it be considered another type of non-threaded fastener (yes or no)?

3) Please specify what the pin is made of:
   ___ iron or steel
   ___ aluminum
   ___ copper (brass)
   ___ plastic
   ___ material other than above options

Part or Item numbers this would apply to:
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
Choose proper voltage: (1 or 2)

1. For a voltage *exceeding* 1000 V: (choose one)
   a. Terminals, electrical splices & electrical couplings
   b. Other connectors
   c. Other

2. For a voltage *under* 1000 V: (choose one)
   a. Coaxial connectors
   b. Cylindrical multicontact connectors
   c. Rack & panel connectors
   d. Printed circuit connectors
   e. Ribbon or flat cable connectors
   f. Other connectors

Part#________________________________
Product Guide for Power Supplies

Please answer the following questions on Static Converters:

Part#______________________________

What is the wattage of this part?_________________

Please choose the appropriate letter & its corresponding questions:

A) Is this a speed drive controller for an electric motor?

B) Is this power supply for a dataprocessing machine?
   If so, is it suitable for physical incorporation into an automatic data processing machine?

C) Is this a static converter for telecommunication apparatus?

D) Is this a rectifier or rectifying apparatus?
   1) If so, is it a power supply?

E) Is this an inverter?

F) Is it another type of Inductor?
   1) What type of machine is this inductor for?
PRINTED DOCUMENTS w/Text

Include net kg per unit of measure

Printed Books/Brochures/Leaflets
   Single Sheet whether or not Folded___________________
   Provide Net Kg_______________________________
   Other
      Technical/Professional book___________________
      Other - # of pages(excluding cover)____________

Other Printed Matter
   Trade Advertising Material, Commercial catalog and the like
      Printed catalogs of items for sale in US___________
      Printed catalogs of items for sale in Foreign country_______
      Other___________________, Net Weight in Kg____________

Other_____________________________________________
Product Guide for Resistor’s

Is the resistor fixed or variable (circle one)?

Part Number: _______________________________________

Description: __________________________________________

IF FIXED....

• Can the resistor be described as a fixed carbon resistor, a composition resistor or film type resistor (circle one)?  __ Yes  __ No

  If YES, complete the following…

  ➢ Is the resistor designed for surface mounting (SMD) by contact?  __ Yes  __ No
  ➢ If YES, does the resistor have more than two terminals?  __ Yes  __ No
  ➢ If NOT designed for surface mounting does the resistor have more than two leads?  __ Yes  __ No
  ➢ Is the carbon, composition or film type resistor other than described above?  __ Yes  __ No

• Is the resistor a fixed resistor other than a carbon, composition or film type?  __ Yes  __ No

  If YES, complete the following…

  ➢ Is the resistor for a power handling capacity NOT exceeding 20 W?  __ Yes  __ No
  ➢ Is the resistor for a power handling capacity exceeding 20 W?  __ Yes  __ No
  ➢ Is the resistor designed for surface mounting (SMD) by contact?  __ Yes  __ No
  ➢ Does the resistor have two or more than two terminals (circle one)?
  ➢ If two terminals check which applies.
    ___ Flat resistor chip
    ___ Cylindrical leadless resistor
  ➢ If more than two terminals check which applies.
    ___ Dual-in-line package
    ___ Flat packs
    ___ Other than the above
  ➢ Does the resistor have MORE than two leads?  __ Yes  __ No
  ➢ If more than two leads check which applies.
    ___ Single-in-line
    ___ Dual-in-line
    ___ Other than Single-in-line or Dual-in-line

IF VARIABLE...

• Is the resistor a wirewound variable resistor (including rheostats and potentiometers)?  __ Yes  __ No

• Is the resistor for a power handling capacity exceeding 20 W?  __ Yes  __ No

• What is the designation of the variable resistor?
  ___ Dimmer
  ___ Metal oxide varistor
  ___ Rheostat and resistor type motor starter and controller
  ___ Cerment
  ___ Metal glaze
  ___ Other than the types listed above
PRODUCT FAMILY CLASSIFICATION GUIDE FOR: SCREWS

Please answer the following questions regarding this product line:

1) What material is the screw made of? Please specify ie. iron, steel, stainless steel, aluminum etc.
2) What is the diameter of the shank or thread?
3) What is the length of the screw?
4) Does the screw have a hexagonal head (yes or no)?
5) Does screw have round head (yes or no)?
6) Please specify the type of screw:
   ___ coach screw
   ___ wood screw
   ___ screw hook or screw ring
   ___ self –tapping
   ___ machine screw, 9.5 mm or more in length and 3.2 mm or more in diameter
   ___ set screws
   ___ socket screws
   ___ cap screws
   ___ screw, other than above options
Please answer the following questions regarding this product line:

2) Please specify what the seal is made of:
   ___ base metal
   ___ textile material
   ___ paper or paperboard
   ___ vulcanized rubber
   ___ hard rubber
   ___ plastic (any kind of plastic)

   **note: if the seal is made of more than one material, specify the \textit{predominate} material above.

Part or Item numbers this would apply to:

__________________________________________________________________________________
__________________________________________________________________________________
____________________________________________________
Please answer the following questions regarding this product line:

1) Specify what the spring is made of:
   ___ iron or steel
   ___ copper (brass)
   ___ aluminum
   ___ plastic
   ___ material other than above options – specify: ___________________

2) If springs is made of iron or steel, please specify what type:
   ___ leaf springs, suitable for motor vehicle suspension
   ___ leaf springs, other than above*
      *Please provide thickness of leaves: ______ mm
   ___ helical springs, suitable for motor vehicle suspension
   ___ helical springs**, other than above
      **Please provide the cross sectional dimension of the WIRE, (not the spring)______ mm
   ___ hairsprings
   ___ springs, other than all of the above options

Net weight in Kg per unit of measure: ______

Part or Item numbers this would apply to:
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

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PRODUCT FAMILY CLASSIFICATION GUIDE FOR:
SWITCHES

Please answer the following questions regarding this product line:

1) Please specify VOLTAGE: __________ Volts

A) For a voltage **over** 1,000 V, please indicate what kind of switch this is:
   ___ Fuses
   ____ fuse of 2300 V or more
   ____ fuse of less than 2300 V
   ___ Automatic Circuit breaker
   _____ for a voltage less than 72.5 kV
   ____ in circuits of 345 kV or more
   ___ Isolating switch
   ___ Made-and-break switch
   ___ Switch other than above options

B) For a voltage **under** 1,000 V, please choose **ONE** of the following:
   ___ Fuse
   ____ fuse in glass cartridge
   ____ fuse not in glass cartridge
   ___ Automatic Circuit breaker
   a) molded case
   b) other
   ___ Relay switch, for a voltage not exceeding 60V**see below:**
   ___ Relay switch, for a voltage exceeding 60V**see below:**

   **Please provide the following for ALL RELAY switches:
   1) Contact rating: _____Amps
   2) Circle one: a) Electromechanical
      b) Contactors
      c) Other

   ___ Electronic AC switch (insulated thyristor, chip-on-chip,
   electromechanical snap-action for a current not exceeding 11 amps

   ___ Rotary switch, rated at not over 5 A
   ___ Rotary switch, rated at over 5 A
   ___ Push-button, rated at not over 5 A
   ___ Push-button, rated at over 5 A
___ Snap-action switch, other than limit switches
___ Knife switch
___ Slide switch
___ Limit switch
___ Switches other than above options

Part or Item numbers this would apply to:
__________________________________________________________________________________
__________________________________________________________________________________
Please answer the following questions regarding this product line:

1) Specify type:
   ___ Camshaft
   ___ Crankshaft
   ___ Transmission shaft, other than camshafts or crankshafts

2) Is it designed for use principally with spark-ignition internal combustion piston or rotary engines (yes or no)?

3) Net weight in Kg per piece ___________

Part or Item numbers this would apply to:

__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
Please answer the following questions regarding this product line:

1) Please specify type of washer:
   ___ spring washer
   ___ helical spring lock washer
   ___ lock washer, other than helical spring
   ___ washer, other than options listed above

2) Please specify **which** material washer is made of:
   ___ agglomerated cork
   ___ aluminum
   ___ copper
   ___ iron/steel
   ___ natural cork
   ___ plastics
   ___ vulcanized rubber
   ___ other, please specify

3) Net weight in Kg per unit of measure: ____________

Part or Item numbers this would apply to:

____________________________________________________

____________________________________________________

____________________________________________________
Please choose the proper component of the wire, cable etc. and answer yes or no to the questions that follow that component:

1. If the wire, cable, etc. is made of **ALUMINUM**:
   a. Is it fitted with fittings and made up into articles?
   b. Does it have a steel core?
   c. Is it an electrical conductor?

2. If the wire, cable etc. is made of **COPPER**:
   a. Is it fitted with fittings or made up into articles?
   b. Is it stranded wire?
   c. Is it a sling?

3. If the wire, cable etc. is made of **IRON or STEEL**:
   a. Is it stranded wire?
   b. Is it made of stainless steel?
   c. Is it fitted with fittings or made up into articles?
   d. Is it tire cord?
   e. Does it have a lay or twist of not more than 1 revolution for a length equal to the stand diameter multiplied by 8.5?
   f. If other than stainless steel, also answer the following:
      i. Is it for prestressing concrete?
      ii. Is it covered with textile or other nonmetallic material?
      iii. Is it brass plated?
      iv. Is it galvanized?
      v. Is it ACSR core strand?
   g. If other than stranded wire, also answer the following:
      i. Does the diameter exceed 9.5 mm?
      ii. Is it galvanized?
      iii. Is it brass plated?
GENERAL GOODS

The following information is for part number:

1) What material is it made of?
2) What is the Net weight in Kg?
3) What machine is this a part of?
4) Can this item function without the machine it is a part of?
5) Can the machine run without this part?
6) What is the function of this item?
7) What are the components that make up this unit?
1) Does this panel incorporate LCD (liquid crystal devices)?

2) Does this panel incorporate LED (light emitting diodes)?

3) Does this panel incorporate electric discharge (fluorescent devices)?

4) Does this panel incorporate horns?

5) Does this panel incorporate other sound signaling apparatus?

6) What other type of indicators are used?

7) Is this a printed circuit assembly for an indicator panel? If yes, what type panel above is it a part of?

8) If this a part of an indicator panel, what part is it & what type panel above is it a part of?

9) What machine is this a Panel of part of panel for (mailing machine, meter…)?

10) What is this item’s part number?
INK – Guide Sheet

1) What is the Net Weight in kg ______________________
   Complete and submit TSCA form

2) What Color_____________________________________

3) If Printing Ink please specify type a-f
   a) News
   b) Flexographic
   c) Gravure
   d) Letterpress
   e) Offset lithographic
   f) Other

4) Is it drawing Ink______________________

5) Other than Printing or drawing Ink __________________________
1) What does the assembly consist of? List all electronic component, connectors, switches, and other items.

2) Describe function of each component?

3) In what device will this be used?
4) What role will the printed circuit assembly play within the device it gets assembled into?
5) If this is a speed drive controller, where will it be used? What is the role or function of the speed drive controller?
6) Is it a power board? If so what is it powering?
7) What is the voltage capacity?
PRINTERS

1) Is this an assembled unit with at least the media transport control and print mechanism?_________

2) What type of print mechanism?
   a) Laser – How many pages per minute_________
   b) Light bar – electronic type________________
   c) Ink Jet _________________________________
   d) Thermal Transfer________________________
   e) Ionographic____________________________
   f) Other
      Daisy Wheel _____________________________
      Dot Matrix _____________________________
      Other_________________________________

3) What is the part number for this information?____________
1) What is the Max capacity in Kg?____________________
2) Is this a continuous weighing scale on a convetor?____________________
3) Is this a Constant weight scale for discharging a predetermined weight of material into a container or bag (including hopper style)?____________________
4) Is this a Digital Scale?_________________________________________
   If Digital
   i. Is it for counting?____________________
   ii. Retail Scale, non computing?________
   iii. Retail Scale, computing?___________
   iv. Other Digital Scale_________________
5) Other type Non-Digital Scale?____________________________________
6) This information pertains to Part number__________________________