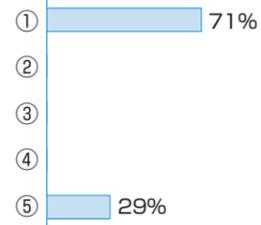


## 2. Lifestyle Products

### 中央化学株式会社

Company name	Chuo Kagaku Co., Ltd.	
Product name	Miyama20-12 (Tray for food packaging)	Intermediate Goods
PCR Name & ID	Plastic Containers and Packaging	PA-BC-02
Product Outline (Verified in FY2011)	Main raw materials: PSP sheets (polystyrene paper)/color: white/product size: 124mm x 198/product weight (per tray): 4.43g/CFP calculation unit: one case containing 1,200 trays (24 bags with 50 trays in them)/ case size: L90cm x W50cm x H60cm/case weight: 7.15kg (including packaging materials)	



CO<sub>2</sub>: 41.2kg  
Raw materials acquisition stage (acquisition of raw materials for containers and packaging, production, transport) and disposal/recycling stage (disposal and recycling of containers and packaging)

CO<sub>2</sub>の「見える化」  
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検証番号：CV-BC02-031

▶ We are trying to make a mechanism to make our CO<sub>2</sub> emissions visible and swiftly respond to customer needs through the businesses that use our products.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	71%	-	-	-	29%	41.2kg

# 3.

## Clothing-related Products

PCR Name	PCR ID
●Uniform .....	PA-AO
●Powder Detergent .....	PA-AC

N.B. The PCR codes shown do not include the edition numbers.

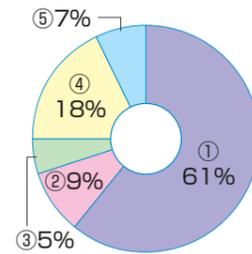
#### Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO<sub>2</sub> emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO<sub>2</sub> is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.

# 3. Clothing-related Products



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear jacket AR4817	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Polyester 80% (recycled polyester 45%), wool 20%</li> <li>• Product weight: 0.546kg (jacket weight: 0.341kg; wrapping and packaging material, transport material: 0.205kg)</li> <li>• Size assessed: Size 9</li> </ul>	



14.4kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-035

Number of times cleaned:  
20 times  
Method of cleaning:  
dry cleaning

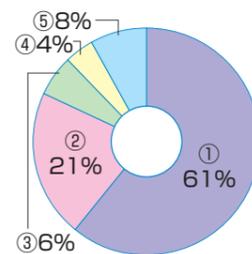
### Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO<sub>2</sub> emissions are reduced by 0.678kg.  
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.572kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.75kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	61%	9%	5%	18%	7%	14.4kg



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear vest AR2817	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Polyester 80% (recycled polyester 45%), wool 20%</li> <li>• Product weight: 0.355kg (vest weight: 0.198kg; wrapping and packaging material, transport material: 0.157kg)</li> <li>• Size assessed: Size 9</li> </ul>	



8.7kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-036

Number of times cleaned:  
20 times  
Method of washing:  
washed at home and ironed

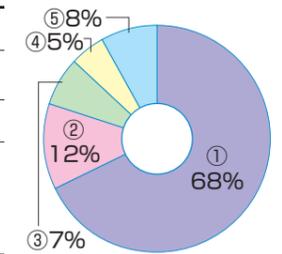
### Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO<sub>2</sub> emissions are reduced by 0.416kg.  
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.335kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.01kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	61%	21%	6%	4%	8%	8.66kg



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear tight skirt AR3434-1	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Recycled polyester 70%, wool 30%</li> <li>• Product weight: 0.416kg (skirt weight: 0.295kg; wrapping and packaging material, transport material: 0.121kg)</li> <li>• Size assessed: Size 9</li> </ul>	



9.1kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-044

Number of times cleaned:  
20 times  
Method of washing:  
washed at home and ironed

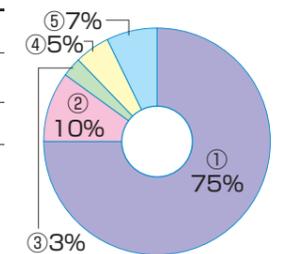
### Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO<sub>2</sub> emissions are reduced by 0.871kg.  
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.435kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.44kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	68%	12%	7%	5%	8%	9.08kg



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear pants AR5433-1	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Recycled polyester 70%, wool 30%</li> <li>• Product weight: 0.647kg (pants weight: 0.516kg; wrapping and packaging material, transport material: 0.131kg)</li> <li>• Size assessed: Size 9</li> </ul>	



15.2kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-045

Number of times cleaned:  
20 times  
Method of washing:  
washed at home and ironed

### Effectiveness of recycling

▶ This product uses 45% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO<sub>2</sub> emissions are reduced by 1.70kg.  
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.746kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 2.53kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is size 9.)

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	75%	10%	3%	5%	7%	15.2kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

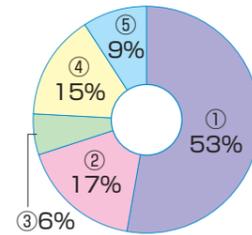
6. Engineering- and Construction-related Products

7. Other Industrial Products

# 3. Clothing-related Products



Company name	CHIKUMA&CO.,LTD	
Product name	Ladies' office wear long-sleeved blouse AR1447	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Polyester 92% (of which 77% is recycled fibre), cotton 8%</li> <li>• Product weight: 0.297kg (blouse weight: 0.152kg; wrapping and packaging material, transport material: 0.145kg)</li> <li>• Size assessed: Size 9</li> </ul>	



6.8kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-007

Number of times cleaned:  
50 times  
Method of washing:  
washed at home and ironed

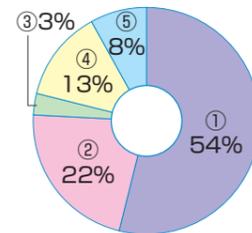
### Effectiveness of recycling

▶ Of the material used in this product, 77% is recycled material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO<sub>2</sub> emissions are reduced by 0.57kg.  
▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.13kg emitted from disposal by incineration. If all of these products are recycled as chemical material for other products, compared to making that material anew, a saving of 2.53kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is size 9.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	53%	17%	6%	15%	9%	6.77kg



Company name	CHIKUMA&CO.,LTD	
Product name	Men's jacket TE2013	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Polyester 100%</li> <li>• Product weight: 0.836kg (jacket weight: 0.628kg; wrapping and packaging material, transport material: 0.208kg)</li> <li>• Size assessed: Size A5</li> </ul>	



23.2kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-022

Number of times cleaned:  
20 times  
Method of cleaning:  
dry cleaning

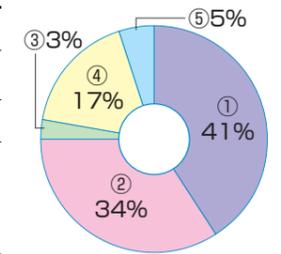
### Effectiveness of recycling

▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 1.27kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 3.53kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is A5 size.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	54%	22%	3%	13%	8%	23.2kg



Company name	CHIKUMA&CO.,LTD	
Product name	Men's vest TE9013	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Polyester 100%</li> <li>• Product weight: 0.387kg (vest weight: 0.262kg; wrapping and packaging material, transport material: 0.125kg)</li> <li>• Size assessed: L Size</li> </ul>	



14.7kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-023

Number of times cleaned:  
20 times  
Method of cleaning:  
dry cleaning

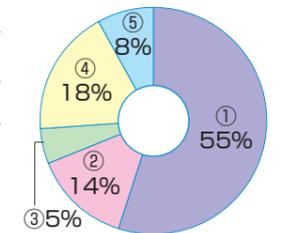
### Effectiveness of recycling

▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.53kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.47kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is L size.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	41%	34%	3%	17%	5%	14.7kg



Company name	CHIKUMA&CO.,LTD	
Product name	Men's slacks TE5813	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Polyester 100%</li> <li>• Product weight: 0.538kg (slacks weight: 0.440kg; wrapping and packaging material, transport material: 0.098kg)</li> <li>• Size assessed: Size W82</li> </ul>	



15.8kg  
CO<sub>2</sub>

カーボンフットプリント試行事業  
http://www.cfp-japan.jp  
検証番号: CV-AO03-024

Number of times cleaned:  
20 times  
Method of cleaning:  
dry cleaning

### Effectiveness of recycling

▶ The disposal and recycling stage of this product was calculated as disposal by incineration. However, in cases where customers have an agreement with us regarding recycling, collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.89kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 2.46kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is W82 size.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	55%	14%	5%	18%	8%	15.8kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

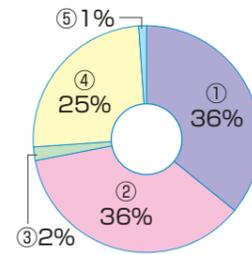
6. Engineering- and Construction-related Products

7. Other Industrial Products

# 3. Clothing-related Products



Company name	CHIKUMA&CO.,LTD	
Product name	<b>Apron for specific companies</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-03</b>
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> <li>• Polyester 100% (of which 70% is recycled polyester)</li> <li>• Product weight: 0.287kg (apron weight: 0.221kg; wrapping and packaging material, transport material: 0.066kg)</li> <li>• Collected after usage and material was recycled (turned into material for interior finishing material for automobiles)</li> <li>• Size assessed: L Size</li> </ul>	



**8.8kg**  
**CO<sub>2</sub>**

CO<sub>2</sub>の「見える化」  
カーボンフットプリント  
<http://www.cfp-japan.jp>  
検証番号：CV-AO03-055

Number of times cleaned:  
100 times  
Method of washing:  
washed at home and ironed

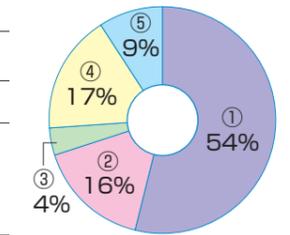
### Effectiveness of recycling

- ▶ This product uses 70% recycled polyester as a raw material. In doing so, compared to manufacturing all of the polyester from petroleum resources, CO<sub>2</sub> emissions are reduced by 0.710kg.
- ▶ Collection of this product is carried out after usage and it is recycled as a padding material for interior finishing material in automobiles. Because of this, compared with the CRP value shown above, CO<sub>2</sub> emissions can be reduced by 0.445kg emitted from disposal by incineration. If all of these products are recycled as material for other products, compared to making that material anew, a saving of 1.23kg of CO<sub>2</sub> emissions can be accomplished. (If the size assessed is L size.)

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	36%	36%	2%	25%	1%	8.76kg



Company name	ASICS Corporation	
Product name	<b>school uniform "training pants AN-451</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-02</b>
Product Outline (Verified in FY2009)	Weight of one pair of sweatpants: 411g (L size)	



**10.7kg**  
**CO<sub>2</sub>**

カーボンフットプリント  
試行事業  
<http://www.cfp-japan.jp>  
検証番号：CV-AO-006

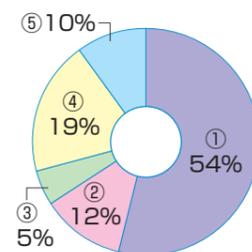
Additional notation  
Supposed number of times washed:  
100 times  
Method of washing:  
washed at home (not ironed)

- ▶ These sweatpants are worn during school PE classes and have the Eco Mark certification.
- ▶ These sweatpants are collected after usage and recycled.

Process	1 Acquisition of raw materials	2 Production	3 Transport/sales	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	54%	16%	4%	17%	9%	10.7kg



Company name	ASICS Corporation	
Product name	<b>school uniform "training shirts AN-351</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-02</b>
Product Outline (Verified in FY2009)	Weight of one sweatshirt: 541g (L size)	



**12.6kg**  
**CO<sub>2</sub>**

カーボンフットプリント  
試行事業  
<http://www.cfp-japan.jp>  
検証番号：CV-AO-005

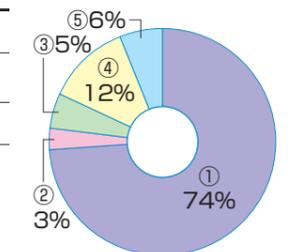
Additional notation  
Supposed number of times washed:  
100 times  
Method of washing:  
washed at home (not ironed)

- ▶ These sweatshirts are worn during school PE classes and have the Eco Mark certification.
- ▶ These sweatshirts are collected after usage and recycled.

Process	1 Acquisition of raw materials	2 Production	3 Transport/sales	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	54%	12%	5%	19%	10%	12.6kg



Company name	Onward Trading Co., Ltd.	
Product name	<b>Uniform (White uniform for nurses – dress)</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-03</b>
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Opens with a front centre zipper and with pockets on the top left and lower left/right sides</li> <li>• For all-season use</li> <li>• Size assessed: L size (weight of product:0.524g)</li> <li>• Sizes available: S - EL</li> </ul>	



**18.6kg**  
**CO<sub>2</sub>**

カーボンフットプリント  
試行事業  
<http://www.cfp-japan.jp>  
検証番号：CV-AO03-033

Method of washing:  
washed at home (not ironed)  
Supposed number of times washed:  
100 times

N.B. The method of washing for this product is assumed to be either at facilities or done by the individual. (If commercially washed, CO<sub>2</sub> emissions would differ.)

- ▶ This product contains a high percentage of polyester so that it can be worn without having to be ironed after washing.
- ▶ It was found that the acquisition of raw materials process accounts for 70% of the overall amount of CO<sub>2</sub> emissions.

Process	1 Acquisition of raw materials	2 Production	3 Transport	4 Use/maintenance	5 Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	74%	3%	5%	12%	6%	18.6kg

1. Food-related Products

2. Lifestyle Products

3. Clothing-related Products

4. Printing-related Products

5. Office-related Products

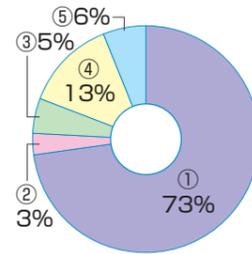
6. Engineering- and Construction-related Products

7. Other Industrial Products

# 3. Clothing-related Products

## ONWARD

Company name	Onward Trading Co., Ltd.	
Product name	<b>Uniform (White uniform for nurses – long pants)</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-03</b>
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Opens with a front centre zipper and with pockets on the top left and lower left/right sides</li> <li>• For all-season use</li> <li>• Size assessed: L size (weight of product 0.363kg)</li> <li>• Sizes available: S - EL</li> </ul>	



カーボンフットプリント  
試行事業  
<http://www.cfp-japan.jp>  
検証番号: CV-AO03-034

Method of washing:  
washed at home  
(not ironed)  
Supposed number of  
times washed:  
100 times

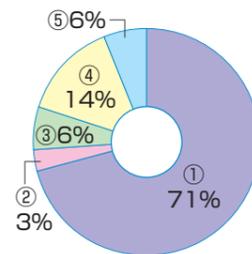
N.B. The method of  
washing for this  
product is assumed  
to be either at  
facilities or done by  
the individual. (If  
commercially  
washed, CO<sub>2</sub>  
emissions would  
differ.)

- ▶ This product contains a high percentage of polyester so that it can be worn without having to be ironed after washing.
- ▶ It was found that the acquisition of raw materials process accounts for 70% of the overall amount of CO<sub>2</sub> emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	73%	3%	5%	13%	6%	13.0kg

## ONWARD

Company name	Onward Trading Co., Ltd.	
Product name	<b>Uniform (White uniform for nurses – jacket)</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-03</b>
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Opens with a front centre zipper and with pockets on the top left and lower left/right sides</li> <li>• For all-season use</li> <li>• Size assessed: L size (weight of product 0.370g)</li> <li>• Sizes available: S - EL</li> </ul>	



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Method of washing:  
washed at home  
(not ironed)  
Supposed number of  
times washed:  
100 times

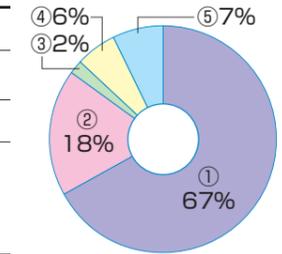
N.B. The method of  
washing for this  
product is assumed  
to be either at  
facilities or done by  
the individual. (If  
commercially  
washed, CO<sub>2</sub>  
emissions would  
differ.)

- ▶ This product contains a high percentage of polyester so that it can be worn without having to be ironed after washing.
- ▶ It was found that the acquisition of raw materials process accounts for 70% of the overall amount of CO<sub>2</sub> emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	71%	3%	6%	14%	6%	12.6kg

## SELEFY

Company name	Selery Co.,Ltd.	
Product name	<b>Ladies' office wear Jacket S-24190</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-03</b>
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> <li>• Polyester 100%, Single-style with one button</li> <li>• Product able to be home-washed</li> <li>• Product weight: 538g (Size assessed: Size 9)</li> <li>• All-season product (To be worn all year-round)</li> </ul>	



CO<sub>2</sub>の「見える化」  
カーボンフットプリント  
<http://www.cfp-japan.jp>  
検証番号: CV-AO03-051

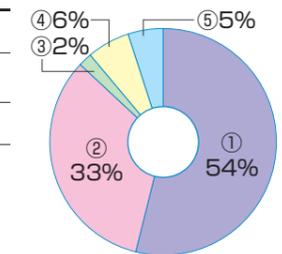
Number of times washed:  
20 times  
Method of washing:  
washed at home and  
ironed

- ▶ Our company has obtained the ISO14001 certification. In addition, we have acquired the Wide Area Waste Management Certification and have setup a photovoltaic power generation system on our main office building. From last year we have been retailing products which offset the CO<sub>2</sub> emitted during the production process and promoting eco-friendly activities to contribute to society. We believe that disclosing the amount of CO<sub>2</sub> emissions in each stage of a product's life cycle, leads to reducing the CO<sub>2</sub> of the product in total.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	67%	18%	2%	6%	7%	17.2kg

## SELEFY

Company name	Selery Co.,Ltd.	
Product name	<b>Ladies' office wear Skirt S-15380</b>	<b>Final Product</b>
PCR Name & ID	Uniform	<b>PA-AO-03</b>
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> <li>• 100% polyester tight skirt</li> <li>• Product able to be home-washed</li> <li>• Product weight: 222g (Size assessed: Size 9)</li> <li>• All-season product (To be worn all year-round)</li> </ul>	



CO<sub>2</sub>の「見える化」  
カーボンフットプリント  
<http://www.cfp-japan.jp>  
検証番号: CV-AO03-052

Number of times washed:  
20 times  
Method of washing:  
washed at home and  
ironed

- ▶ Our company has obtained the ISO14001 certification. In addition, we have acquired the Wide Area Waste Management Certification and have setup a photovoltaic power generation system on our main office building. From last year we have been retailing products which offset the CO<sub>2</sub> emitted during the production process and promoting eco-friendly activities to contribute to society. We believe that disclosing the amount of CO<sub>2</sub> emissions in each stage of a product's life cycle, leads to reducing the CO<sub>2</sub> of the product in total.

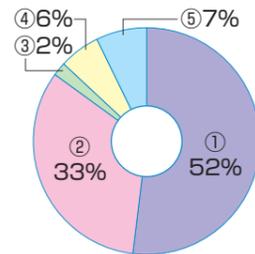
Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	54%	33%	2%	6%	5%	9.65kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

# 3. Clothing-related Products



Company name	Selry Co.,Ltd.	
Product name	Ladies' office wear Vest S-03250	Final Product
PCR Name & ID	Uniform	PA-AO-03
Product Outline (Verified in FY2011)	<ul style="list-style-type: none"> <li>• Polyester 100%, Single-style with four buttons</li> <li>• Product able to be home-washed</li> <li>• Product weight: 237g (Size assessed: Size 9)</li> <li>• All-season product (To be worn all year-round)</li> </ul>	



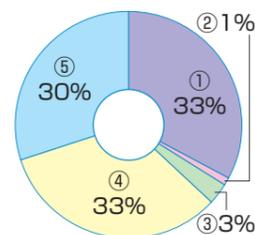
Number of times washed: 20 times  
Method of washing: washed at home and ironed

▶ Our company has obtained the ISO14001 certification. In addition, we have acquired the Wide Area Waste Management Certification and have setup a photovoltaic power generation system on our main office building. From last year we have been retailing products which offset the CO<sub>2</sub> emitted during the production process and promoting eco-friendly activities to contribute to society. We believe that disclosing the amount of CO<sub>2</sub> emissions in each stage of a product's life cycle, leads to reducing the CO<sub>2</sub> of the product in total.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	52%	33%	2%	6%	7%	10.4kg



Company name	AEON Co., Ltd.	
Product name	TOPVALU Super Clean	Final Product
PCR Name & ID	Powder Detergent	PA-AC-01
Product Outline (Verified in FY2009)	<ul style="list-style-type: none"> <li>• Product name: synthetic detergent (laundry detergent)</li> <li>• Application: cotton, linen, synthetic fabric</li> <li>• pH: alkaliescent</li> <li>• Net weight: 1.0kg</li> </ul>	



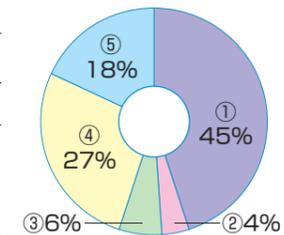
洗濯一回当たり 251g  
つかう・すすめる

▶ Recycled paper is used in the product's package.  
▶ When the product is being transported from overseas, it is delivered efficiently so as not to bring about any extra work.

Process	① Acquisition of raw materials	② Production	③ Transport/sales	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	33%	1%	3%	33%	30%	6.3kg



Company name	Japanese Consumers' Co-operative Union	
Product name	Co-op Sefter with whitener, simple package, 1.0kg (in a bag)	Final Product
PCR Name & ID	Powder Detergent	PA-AC-02
Product Outline (Verified in FY2010)	<ul style="list-style-type: none"> <li>• Synthetic detergent (laundry detergent)</li> <li>• Net weight: 1000g</li> <li>• Normal usage amount: 50g for 60 L of water (spoon not included)</li> </ul>	



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検証番号: CV-AC02-002

つかう・すすめる  
CO<sub>2</sub> emissions are 364g per wash (using 60L of water).

▶ From the business operator's side, the amount of CO<sub>2</sub> emissions from the raw materials is large. From the consumer's side, the amount of CO<sub>2</sub> emissions from the water used and its disposal is large.  
▶ If consumers are ingenious about the way they do their washing, it is possible to reduce the amount of CO<sub>2</sub> emissions.

Process	① Acquisition of raw materials	② Production	③ Transport	④ Use/maintenance	⑤ Disposal/recycle	Total amount (kg-CO <sub>2</sub> /product)
Percentage of CO <sub>2</sub> emissions	45%	4%	6%	27%	18%	7.27kg

- 1. Food-related Products
- 2. Lifestyle Products
- 3. Clothing-related Products
- 4. Printing-related Products
- 5. Office-related Products
- 6. Engineering- and Construction-related Products
- 7. Other Industrial Products

# 4.

## Printing-related Products

PCR Name	PCR ID
●Publicity printings & Printing products for business use····	<b>PA-BS</b>
●Publishing & Commercial printing (work in process)····	<b>PA-AD</b>
●PS plate for Lithographic printing··········	<b>PA-AF</b>

N.B. The PCR codes shown do not include the edition numbers.

#### Note

- Out of the products which were given verification of their carbon footprints of products (CFP), those representative from each category (use) have been selected and introduced, focusing on products that were displayed in the 2011 Eco-Products exhibition. Regarding all the products, please refer to the list of products authorized to use the CFP label, at the back.
- The calculation coverage for carbon footprints has partly changed in FY2010 from that of FY2009. The Sales Process in the Transport/Sale Stage in FY2009 was eliminated in FY2010 as a tentative measure during the pilot project period.
- With regard to the lower section "Percentage of CO<sub>2</sub> emissions" for each product, an entry of "0%" in that section for a final product indicates that no CO<sub>2</sub> is emitted during the said process of that product. An entry of "-" for intermediate goods indicates that the said process is not included in the calculation coverage.