



Environmental criteria for sustainable public
procurement of

Toner Cartridges

Version 8 April 2015

1. Scope/definition

The Toner Cartridges product group comprises all toner cartridges for toner-based office equipment such as printers, photocopiers, fax machines and multifunctional equipment, including electronic equipment, purchased for existing reproduction equipment. The Toner Cartridges product group includes containers/cassettes that contain toner and that consist of a drum and other essential components for electrophotographic/xerographic and similar reproduction processes. The toner powder can be supplied in separate containers if necessary. These cartridges are referred to as OPC (Optical Photosensitive Conductor) units.

The following products (with their corresponding CPV codes) are part of the Toner Cartridges product group. This list of products is non-exhaustive.

Products	CPV code
Photocopier parts and accessories	30125000-1
Toner cartridges	30125100-2

Excluded from the scope of this product group are:

- inkjet cartridges for inkjet printers
- reproduction equipment using 'toner bottles', plastic bottles filled with toner that is replenished (as opposed to replacement of the entire cartridge); these bottles are generally disposed of through the normal waste disposal process

2. Most significant environmental effects

The following tables list the sustainability themes and describe the approach to each theme for the Toner Cartridges product group. The 'Approach' column presents a statement indicating the influence of sustainable purchasing and its criteria on the 'sustainability' of the theme. This column also includes a reference to any requirements, award criteria or points of attention/suggestions that may be useful in implementing the approach. The product group can also have an impact on other environmental themes but, for now at least, these are less relevant, of a much less significant level of concern or do not as yet have a suitable set of standard criteria for the Toner Cartridges product group.

Themes:	Approach:	No. of requirement/ Criteria
<p>Energy and climate Energy consumption from producing toner cartridges, with corresponding CO₂ emissions</p>	<ul style="list-style-type: none"> Select suppliers that guarantee collection, reconditioning and recycling of toner cartridges 	ME1
<p>Supplies and Raw materials Use of raw materials in the production of toner cartridges</p>	<ul style="list-style-type: none"> Select suppliers that guarantee collection, reconditioning and recycling of toner cartridges Formulate procurement needs which allow for conditioned cartridges Coordinate choice of cartridges with needs and requirements 	ME1, AS1 AS2
<p>Water and Soil Harmful materials during use phase</p>	<ul style="list-style-type: none"> Use toner powder that does not contain substances that are hazardous to the environment 	ME2

3. Points of attention/suggestions

Devoting attention to the opportunities and possibilities for the most sustainable procurement possible in the preparation phase will lead to specifications that are more ambitious or types which differ from the standard minimum requirements and award criteria set out in this document. The following table presents points for attention and suggestions for promoting sustainability in procurement within this product group.

No.	Points of attention/suggestions (AS)
AS1	<p>Analyse organisation's printing and reproduction needs Analyse the organisation's printing and reproduction needs. This requires insight into the consumption of paper and toner over a specific period of time. These figures can be collected within the context of internal environmental practices, for example, or collection can be outsourced to the supplier as part of maintenance.</p>
AS2	<p>Formulate procurement need with enough scope Formulate the procurement need in a way that allows tenderers to offer reconditioned toner cartridges</p>

4. Selection criteria

Not defined for this product group.

5. Technical specifications

No.	Technical specifications (ME)
ME1	<p>Collection, reconditioning or recycling</p> <p>The supplier guarantees collection of empty toner cartridges and reconditioning or recycling of the toner cartridges collected.</p> <p><i>Verification</i> The tenderer may be asked to supply a certification or other official document from an independent body certifying that this requirement is met. If this certification is issued by Nordic Swan or Blaue Engel, this requirement will be assumed to be met.</p>
ME2	<p>Environmentally hazardous substances</p> <p>The toner powder in the toner cartridges contain no substances that are hazardous to the environment. This means that substances classified with R-sentences R50, R53, R50/53, R52/53, R51/53 and R59 under Directive 1999/45/EG are not permitted.</p> <p><i>Verification</i> The tenderer may be asked to supply a certification or other official document from an independent body certifying that this requirement is met. If this certification is issued by Nordic Swan or Blaue Engel, this requirement will be assumed to be met.</p>

6. Award criteria

Not defined for this product group.

7. Contract provisions

Not defined for this product group.