



RollsPack
Pty Ltd

AUSTRALIAN PACKAGING COVENANT

ACTION PLAN

2011 - 2015

Signed:
Phillip Rolls – Managing Director

Date:

Company RollsPack Pty Ltd (ABN 54 174 349 603)

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Nature of Business **Packaging Manufacturer**

Medium sized, privately owned printer, convertor and supplier of retail carry bags, printed bunting, tamper evident security and banking satchels and food packaging laminate rewind and pouches.

Products are sold within Australia and overseas.

Company Profile

RollsPack Pty Ltd (ABN 54 174 349 603) is a privately owned, medium sized company established in 1985 involved in the conversion and supply of retail carry-bags, courier, security and banking satchels and food packaging laminate rewind and pouches.

RollsPack's products are made from polyethylene, polypropylene, polyester and nylon films. Silicon coated polypropylene and polyester release tapes and paper labels are also used to fabricate its products.

Many of these products are printed with solvent-based inks.

Some products are laminated with solvent-less polyurethane adhesive.

Some products incorporate pressure sensitive hot melt adhesive.

Products are packed in cardboard boxes, polyethylene pouches or wrapped in polyethylene film and subsequently stacked on wooden pallets and wrapped with polyethylene stretch-wrap for distribution.

RollsPack employs approximately 45 people at its Woodlands Drive, Braeside, Victoria operation.

RollsPack has state of the art printing, lamination and conversion equipment to cost effectively produce quality products for Australian and international customers.

RollsPack has had ISO 9001:2000 accreditation since 2007 which was upgraded to ISO9001:2008 in 2010. RollsPack employs GMP in its manufacturing processes.

RollsPack been a signatory of the National Packaging Covenant (Covenant) since 2003, since which RollsPack has been a strong supporter of the underpinning philosophy of the Covenant and has been committed to fulfilling the specific actions outlined in the inaugural Covenant.

RollsPack is a signatory to the new Australian Packaging Covenant and is equally committed to it.

Significant progress has been made to reduce the environmental impact of its products through a range of reduce (minimizing packaging waste), re-use, recycle, recovery and disposal initiatives.

RollsPack is committed to realising the actions specified in this document.

Summary of Major Achievements 2006 to 2010

The plastic films used to fabricate small security satchels have been down-gauged by 17% through the adoption of higher performance polymers which resulted in 30T of material being diverted from landfill.

Large security bags have been down-gauged by 15% resulting in 9T of material being diverted from landfill.

The plastic films used to fabricate the bank security products have been down-gauged by 15% resulting in 27T of material being diverted from landfill.

The gauge of the lamination web for VFFS packing at one customer was reduced by 8% resulting in 3T of material being diverted from landfill.

In summary it is estimated that 69T of material has been diverted from landfill during this period which represents 3.7% of total plastic sold.

Arrangements were put into place with a major courier bag customer for collection of used courier satchels that are subsequently recycled. The collection amounted to approximately 43T pa.

The implementation of a series of productivity improvements during this period has enabled RollsPack to reduce its material waste to 6.5% of product sold. The productivity measures that contributed to this improvement included installation of a new high speed bag machine, introduction of targeted maintenance schedules, improved plant layout, improved scheduling of jobs, purchasing of correct width films and improving the quality of films from our suppliers. The productivity improvement measures also resulted in a small reduction of energy used to 0.71KWH/tonnes of product.

All internally generated plain and printed scrap films are collected by a reputable recycler. This initiative in conjunction with the recycling of all waste fibre and wood has resulted in minimal waste going to landfill. The quantity of waste to landfill in 2010 was only 19T which represents 1.4% of total product sold.

Investment in a return water chiller system in the plant to prevent running mains water to waste was made during this period. This resulted in a 17% reduction in water usage and now the only water used on site is that required for employee amenities.

Reuse of fibre cores and wooden skids received from original suppliers of film resulted in purchase of less fibre cores and disposable pallets than would otherwise have been the case. If all new fibre cores had been purchased, their weight would represent approximately 1.2% of total product sold whereas this percentage for 2010 was 0.13%.

Recycling of printing solvent and its reuse in printing wash up thus reducing the quantity of virgin solvent purchased. Virgin solvent purchases represented 5% of quantity of product sold in 2010 despite an increase in mix of printed products.

Replacement of cardboard distribution boxes with recyclable PE bags stacked on pallets for some customers has reduced the requirement for cardboard boxes by 10% over this period.

Retail carry bags produced from locally made PE film now contains 100% in house recycled PE.

Action Plan

RollsPack management have committed to the following actions out to 2015.

Design:

The goal is to optimize packaging to achieve resource efficiency and reduce environmental impact without compromising product quality and safety.

The aim of minimizing the use of materials will be achieved by incorporating the Sustainable Packaging Guidelines (SPG) into the Quotation Form which is used in the design of all new packaging. It is also planned to review all existing packaging by customer over the five year timeframe of this plan with view to minimizing materials and other resources used. Where opportunities to minimise environmental impact are identified, RollsPack will work closely with customers, equipment suppliers and raw material suppliers to achieve our targets. This process will include opportunities for down-gauging, down-sizing and material substitution to reduce the environmental impact. The process will also involve increasing production efficiencies to reduce utilities consumption and to minimize waste generation.

The aim of optimising recyclability will be considered through using the SPG in the design of new packaging and the review of existing packaging. While every attempt will be made to maximize the recycled content in purchased raw materials, it is likely this will not be possible given the nature of RollsPack's products and its aim of minimizing materials used whilst maintaining the product's fitness for purpose. However RollsPack will undertake a review of its current purchasing policy with view to increasing the amount of recycled content in its purchases.

The aim of reducing the litter impact will be considered through using the SPG in the design of new packaging and review of existing packaging. Given the nature of the products the RollsPack supply the likelihood of any of its products entering the litter stream is very small.

Recycling

The goal is the efficient collection and recycling of packaging.

RollsPack currently has an in-house collection system for plastic, paper & board and timber. This collection system is used for all in-house waste and returned courier satchels. The waste from each stream is collected by a reputable recycler for conversion into less demanding products.

RollsPack plans to widen its used courier bag collection program which commenced during 2006, and attempt to add bank security products to this program.

During the timeframe of this plan RollsPack will conduct a feasibility study to ascertain the financial and environmental benefit of installing its own solvent recovery system where the recovered solvent can be used for wash-up.

Product Stewardship

The goal is a demonstrated commitment to product stewardship by the supply chain and other signatories.

RollsPack will consult and work with its customers and suppliers to improve transport efficiency and increase the reuse of packaging items used in the distribution of its products.

The aim of working with others in the supply chain to review all packaging against the SPG has been well documented above. Similarly waste management and collection & recycling of used packaging and the waste produced in its manufacture has been well documented above.

Goal	Action	Measure	Baseline 2010	Target 2011	Target 2012	Target 2013	Target 2014	Target 2015
Design	Audit current product lines with major customers using SPG principles to minimise materials and other resources	Number of customers audited	0	2	4	6	8	Bal
		Tonnes of material diverted from landfill through down-gauging	18T	15T	15T	10T	10T	8T
			0.71	0.7	0.7	0.6	0.5	0.4
		Energy consumption MJ/tonnes produced	0.29	0.3	0.3	0.3	0.3	0.3
		Water usage KL/tonnes produced						

Goal	Action	Measure	Baseline 2010	Target 2011	Target 2012	Target 2013	Target 2014	Target 2015
Recycling	Reduced in-house waste generation through improved efficiencies	Scrap & waste generation tonnes/tonnes product sold	7.5%	7.5%	7%	6.5%	6%	5.5%
	Reuse paper cores received with purchased film	Weight of paper cores purchased/weight of product sold	0.13%	0.2%	0.2%	0.2%	0.2%	0.2%
	Solvent recycling	Virgin solvent purchases/weight of product sold	5.0%	5%	4.5%	4%	4%	3.5%
	Recycle all internally generated scrap	tonnes recycled/tonnes product sold	6.5%	6.5%	6.0%	5.5%	5.0%	4.5%
	Reduce waste to landfill	Tonnes of waste to landfill/tonnes product sold	1.4%	1.4%	1%	1%	1%	1%

Goal	Action	Measure	Baseline 2010	Target 2011	Target 2012	Target 2013	Target 2014	Target 2015
Product Stewardship	Optimise delivery routes and load size in consultation with others in supply chain	Cost of freight \$/tonnes product sold	149	150	140	140	130	120
			2.8%	2.5%	2%	2%	1.5%	1.5%
	Reuse of cardboard distribution boxes collected from customers in consultation	Weight of cartons purchased/tonnes product sold	3.1%	3%	4%	5%	6%	7%
	Increase collection and recycling of used courier and bank satchels by working with others in supply chain	tonnes collected/tonnes product sold						

