

Shelf Ready Packaging Industry Guidelines 2017



TPF is of Forum of the Australian Food and Grocery Council

Fundamental to the successful application of shelf ready packaging industry guidelines identified in this Toolkit is the mutual recognition of the legitimate interests of all relevant parties.

The Toolkit provides the basis for industry standards and should be supplemented by trading partner discussions and product/category considerations.

Trading Partner Forum 2017

Trading Partner Forum

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Endorsements

The Trading Partner Forum (TPF) endorses a national approach to the development of shelf ready packaging (SRP) guidelines.

This fourth edition (previously ECRA Retail Ready Packaging Toolkits) aims to deliver alignment on key issues, providing a consistent approach to SRP within the Australian and New Zealand industries.

SRP has become a requirement to entry and an essential element of leading retailers' strategies.

TPF considers the competitive advantage lies in the implementation and in-store execution of packaging options developed using industry guidelines.

TPF has been pivotal in delivering aligned positioning across major retail organisations, which in itself will not mitigate costs and complexity but should assist suppliers in migrating products to SRP formats whilst avoiding costly duplication of effort.

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SECTION 1: INTRODUCTION

The Australian fast moving consumer goods (FMCG) industry has debated the merits of retail ready packaging (RRP) for over a decade - RRP being a general term used for mechanisms to merchandise product on shelf, on display, on retail store floor on its own base, or at aisle end.

In particular, the retail trade have reinvigorated the introduction of shelf ready packaging (SRP) formats within their respective businesses during this time. Both major retailers, Coles and Woolworths refer to SRP being the term used for transit packaging which can be used to display products on a shelf without removing the product from the container.

Much of the debate has centred on the cost of implementing SRP formats sitting with the supplier, whilst the immediate in-store benefit of increased speed of replenishment sits with the retailer. As an industry we need to consider the broader benefits and understand how we can maximise the advantages such as:

- improved operational efficiencies at store level
- faster stocking of shelves
- improved code rotation
- ease of product identification.

Having common, agreed guidelines and design principles which are then used by the whole industry is essential to efficient broad scale implementation. In a market Australia's and New Zealand's size, it makes no sense to have SKU proliferation as a direct result of minor packaging differences between competing retail organisations. TPF has worked with leading retail organisations to deliver a more streamlined toolkit that goes some way to addressing this issue.

Through the efforts of the TPF, the supplier community should expect the retail trade to commit to using the SRP Industry Guidelines; educating their category managers/buyers; working to maintain standards alignment; and most importantly excellent in-store execution.

Guiding Principles

- Always of Value to the Shopper, Retailer and Manufacturer
- Compliance with Environmental Legislation and Public Policy Concerns
- Avoid Fragmentation and Complexity
- Maintain Brand Identity
- Measure Implementation
- Requirement of Long-term Commitment from Retailers and Manufacturers
- Compliance with total Supply Chain Efficiency Principles

Source:

Shelf Ready Packaging (RRP) Addressing the Challenge: a comprehensive guide for collaborative approach, 2006. <u>http://www.ecr-all.org</u>

SECTION 2: SHELF READY PACKAGING OPTIONS

The Five Easy's

The 'Five Easy's' underpin the implementation of all forms of SRP and provide trading partners a framework for open dialogue required in order to avoid prescribed solutions and/or technical specifications, and assist in developing solutions for products and categories on a case-by-case basis.

Func	Functional Requirement	
⇒	Easy to Identify	
⇒	Easy to Open	
⇒	Easy to Shelf	
⇒	Easy to Shop	
⇒	Easy to Dispose	

Easy to Identify

Easy identification assists the choice of the correct product and rotation of stock through the supply chain with particular emphasis on the distribution centre, back of store and shelf replenishment processes.

Packaging should clearly communicate what is inside and assist store personal identify product in crowded and congested back rooms. This communication should be visible on more than one side to maximise sight lines and identification.

Barcodes should comply with GS1 Standards and be visible and scannable. Packaging should be easily identified as retail ready.

Easy to Open

The packaging should facilitate easier and quicker replenishment processes. It should allow for easy opening in one or two steps preferably without the aid of tools such as knives.

The opening process should be intuitive: store personnel should be able to see how to open, how to use and how to dispose.





Easy to Shelve

SRP should enable quicker, faster and simpler replenishment processes than decanting individual product. Without this requirement being met, the solution is not fit for the purpose.

The packaging must be strong enough to maintain the integrity of the consumer units through the supply chain.

Easy to Shop

The SRP should not create any barriers to purchase. The shopper should be able to easily select and return the product if they choose. The SRP should allow the shopper to easily identify the brand, product and variant whilst not hindering their ability to self-select.

Colours and on pack messages should assist shoppers in fast identification and product selection.

Easy to Dispose

Packaging materials chosen should be recyclable or re-usable and appropriate logos should be displayed on the base panel. For products with multiple packaging type materials should be easily separated for recycling. Packaging should be easy to stack and remove from store aisles.

Bringing the Options and Five Easy's together

SRP options must address the perspective of the total (end-to-end) supply chain and each of the key participants within it. Product which has migrated to SRP and meets the supply chain criteria but is not easy for the consumer to shop is not an effective solution. Conversely a solution that is not robust enough to maintain its form throughout the transport and distribution process is also not effective.

Packaging solutions must be developed to meet the characteristics of the product, the supply chain, and shopper needs. The functional guidelines should be applied to all forms of SRP and the following table provides some basic information and considerations.







EASY TO	SHELF READY PACKAGING
Identify	 Clearly printed brand, product and variant on at least 4 sides. Product text as large as practical. Best before dates clear and legible. Packaging should assist shopper selection and the product should be oriented towards the shopper. Appropriate GS1 specifications are met, such as barcodes printed in 2 adjacent sides of carton, parallel facings are acceptable. For Tray &Shrink - Ensure that the individual retail barcodes are not visible and scannable at the distribution or back of store scanning environments. Also ensure that the seams or seals of the shrink wrap do not obscure the barcodes to prevent possible scanning difficulties. For Tray & Hood - Ensure that the perforations of the package do not run through the barcodes to prevent any possible scanning difficulties. No folding panels should obscure the barcodes in any way when fully formed.
Open	 Pictorial opening instructions are preferred Perforations not impeded by tape, glue etc., and should leave neat edges. Reliable clean cut opening with no tears Easy to open, intuitive opening that includes: Location of opening point, such as finger holes for perforations Simple one person operation As few steps as practical Use of tools avoided
Shelf	 Packaging weight and design fit for purpose and strong enough to move product without collapsing Enable correct stocking disciplines, with newer stock located at the rear. Shelf component easy to remove post shop. Number of product facings suitable for product turnover Option of having multiple facings should be considered e.g. 3x2 or 2x3. Case sizes take into account the rate of sale, number of facings and cube height Units are stackable, supporting vertical blocking of products and brands Consider weight e.g. total product weight meets health and safety limits. Replenishment occurs in one movement Assess the SRP in relation to the shelf space Assess for rotation and replenishment practices Assess against rate of sale.
Shop	 Shelf component should not cover vital shopper information, product description and unit of measure clearly visible. Packaging should provide no barriers to removal/replacement of the product and it should improve 'shop-ability' Product remains stable and visible Shopper facing portion should not include information not intended for the shopper e.g. barcode. Tray lips should be as small as practical. Colour and branding to maximise the product impact and enhance the overall product image The design is appropriate for the category image The packaging looks appropriate when half full

Dispose	Empty SRP can be quickly removed, packed for return or disposal.
Diopooo	 Mixed materials easily separated.
	• Consider the amount of primary packaging it may be able to be reduced for
	SRP options
	Materials are suitable for recycling
	The need to develop smaller case sizes needs to be balanced against
	increases in the amount of packaging used.

Examples of Types of Shelf Ready Packaging



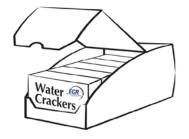
Example: Tray and hood





Example: Tray and shrink

Example: Machine erect wrap around



Example: Regular slotted carton

SECTION 3: CARTON CONFIGURATION and DESIGN

One of the most difficult elements moving to SRP formats is determining the carton configuration and design. Focus should be placed on developing a carton configuration and design that will assist in delivering improved shelf availability.

Differing shelf dimensions across the retail trade/within individual retail stores, sales volumes variation by store and with store type, and in-store replenishment requirements all generate complexity when designing packaging options.

The suppliers' preference is to provide a solution that meets the majority of these requirements across **all** trading partner businesses, limiting the necessity of managing multiple SKU's of the same consumer product.

Pack configurations should be developed to reflect a product's rate of sale, support the shelf life criteria, maximise layout considerations, assist replenishment practices and drive the ability to maintain availability in store. Often this is referred to as 'one touch'. Designing processes from the shelf back has replaced the previous methodology of designing for pure supply chain efficiency.

There is no 'magic formula' to determine the carton configuration for a SRP unit. Ultimately it is a combination of drivers, informed through an open dialogue with trade partners that will determine the dimensions and number of units for the SRP packaging. The most important drivers are listed below.

Primary Considerations

Sales Volumes

The rate of sale/sales volumes should be mapped against the relevant distribution channels/formats. This will provide indicative information that will assist in determining the most appropriate carton size, reflecting the rate of sale.

Store Types / Sizes

Within each retail or channel outlet there will be a range of store types, from full format supermarkets to small format convenience. The key objective is to agree to a pack format that will allow the majority of store types to make use of the SRP.

Shelf Dimensions

The depth, height and width of the shelf will play a role in design decisions. The key objective is to agree a dimension that will allow for the majority of store planograms to make use of 'best-fit'.

Shelf depths vary from store to store and from retailer to retailer. Retail shelf depths are detailed in Section 5 of this document and are intended as a guide, there will be exceptions and dialogue between trading partners is essential to determine appropriate dimensions for design purposes. A critical consideration is to ensure product packaging does not protrude over the shelf edge.

Cartons per Shelf

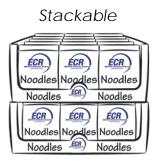
The best-in-class goal is to achieve a shelf capacity accommodating **two cartons** per SKU. Having two cartons per shelf will assist replenishment practices. Consider appropriate display options based on the product and its ability to have cartons placed deep, stacked or adjacent. The operational preference is for two cartons deep, followed by two cartons stacked, followed by two cartons adjacent.

Whilst it is seen as a best practice option that provides ease of in-store replenishment, drives to 'one touch' and aligns rate of sale there may be more suitable solutions for the product.

Solutions should be agreed with the appropriate buying/category teams prior to implementation.

Deep or adjacent





Other Considerations

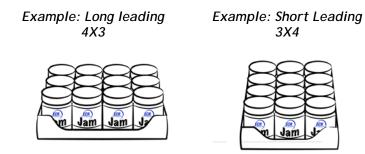
Replenishment

Replenishment will be greatly influenced by the in-store processes and procedures adopted by each retailer organisations in individual stores. It is essential to review replenishment practices prior to determining the best carton configuration and design. Key stakeholders should replenish the shelf to develop a clear understanding of the process, limitations, and capability required.

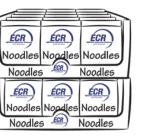
Store efficiency and on-shelf availability are both enhanced by making product identification easy. Being able to easily identify the product on store capping or in the back room requires clear identification. Store personnel should be able to easily identify the product in crowded back room from up to 3 meters distance. (Refer to Carton Identification Guidelines, 2012)

Flexible Facings

Some products lend themselves to flexible merchandising options such a case rotation (short / long side leading). If possible this should be considered as it will provide flexibility that may assist in maximising the use of SRP in a range of store formats.



Example: Two consumer units.



Example: Stackable RRP

2 x bars Soap 2 x bars Soap

Sustainable Considerations

There are four key principles that need to be considered as part of the carton configuration and design of packaging options when seeking to deliver on sustainability goals.

Principles	Potential strategies
Fit for purpose: Packaging should be designed to meet market and consumer needs minimising net impact in a cost effective way.	 Meet technical performance requirements Minimise supply chain costs Meet consumer needs and expectations, including for accessibility
Resource efficiency: Packaging should be designed to minimise the use of materials and other resources without compromising product quality and safety.	 Minimise materials Use recycled materials Minimise transport impacts Maximise water and energy efficiency
Low impact materials: Packaging should be designed to minimise the environmental and social impact of materials and components. Materials should be selected on science and incorporate a whole-of-lifecycle approach.	 Minimise risks associated with potentially toxic and hazardous materials Use renewable or recyclable materials Use materials from responsible suppliers

Resource recovery: Packaging should be designed to maximise its potential for recovery and recycling at end-of-life and to minimise the environmental and social impacts of its disposal.	 Design for reuse where appropriate Design for recovery Design for litter reduction Inform consumers about appropriate disposal
Supply chain practices: Packaging should be designed to meet the rigours of the supply chain, manual and automated	 Cartons pass the drop test for automated handing - perforations are key. Transit trials are conducted throughout the entire supply chain Transit vehicle fills are maximised Case enables high pallet stacking strength and stability Pallet footprint / stacking height is well utilised

Category

SRP should be viewed as the normal mechanism for product packaging. Retailers have requested that all new products should be presented in SRP formats and existing products should have robust time sensitive plans determined for migration.

There are some exceptions and these should be discussed with category managers/buyers. For example large and bulky goods do not lend themselves to SRP formats. However, considering ways to improve identification and replenishment for these products is still encouraged.

Products sourced from off-shore in existing SRP formats should be considered for local markets and the retail trade challenged on their ability to use these product so as to avoid expensive re-work.

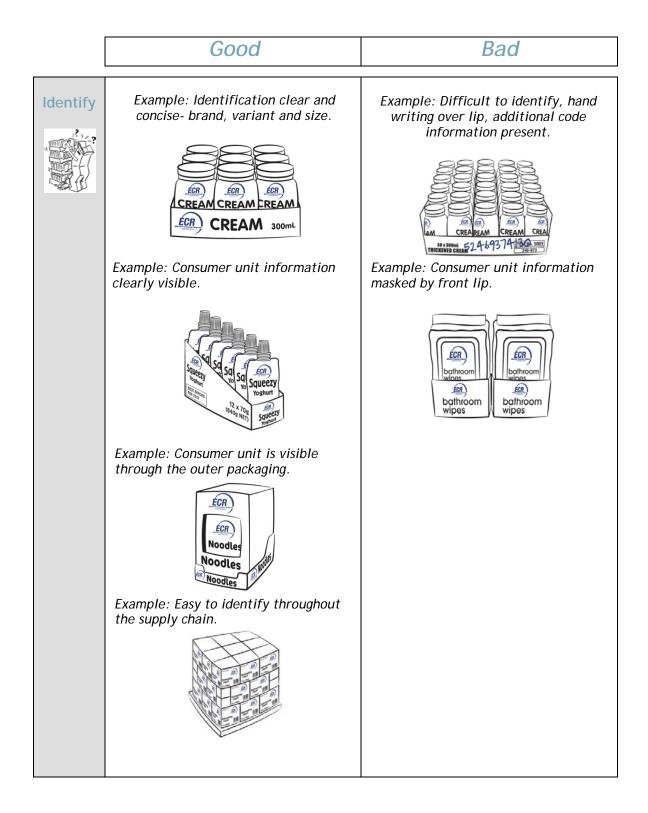
GS1 Barcodes

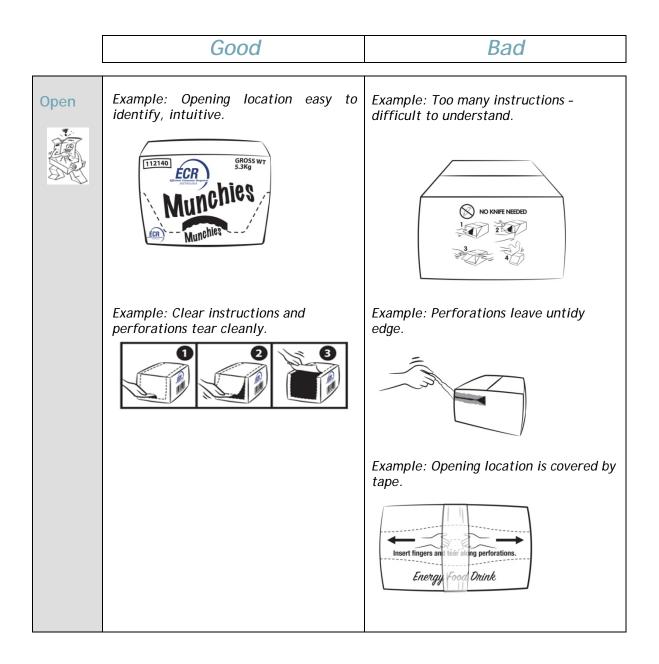
The Australian and New Zealand Grocery Industry has defined the requirements for the barcode symbol marking of non-retail trade items, often referred to as trade units, shippers or inners. Below is an extract of what this guideline covers.

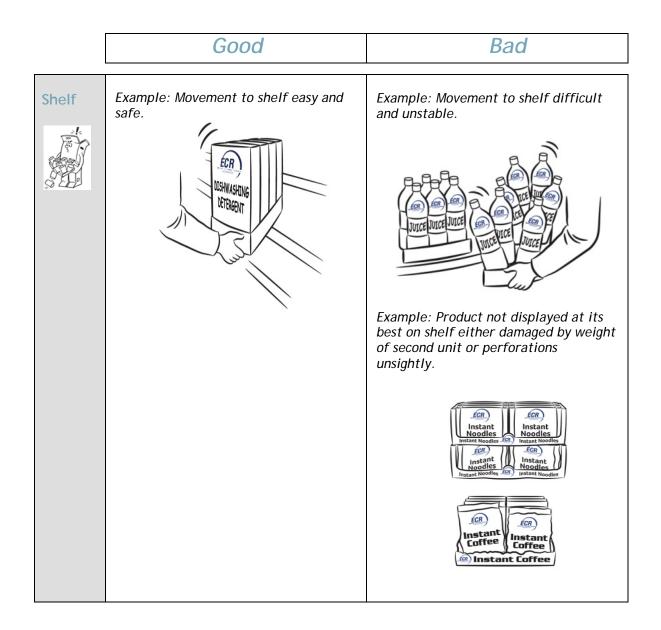
Shelf Ready Packaging barcode specifications These specifications should be applied to all possible SRP solutions Please also refer to the Retailer specific barcode guidelines	
Number and	Barcodes on 2 sides highly recommended for brown
placement of	board. Trading Partner requirements may dictate 4 sides
barcode	 Barcodes on 2 sides for print and apply labels
symbols for	 Barcodes on 2 adjacent sides for white lined board
carton and	Barcodes should be located 32mm from the lower edge
cases	of the vertical bars from the base of the carton and no

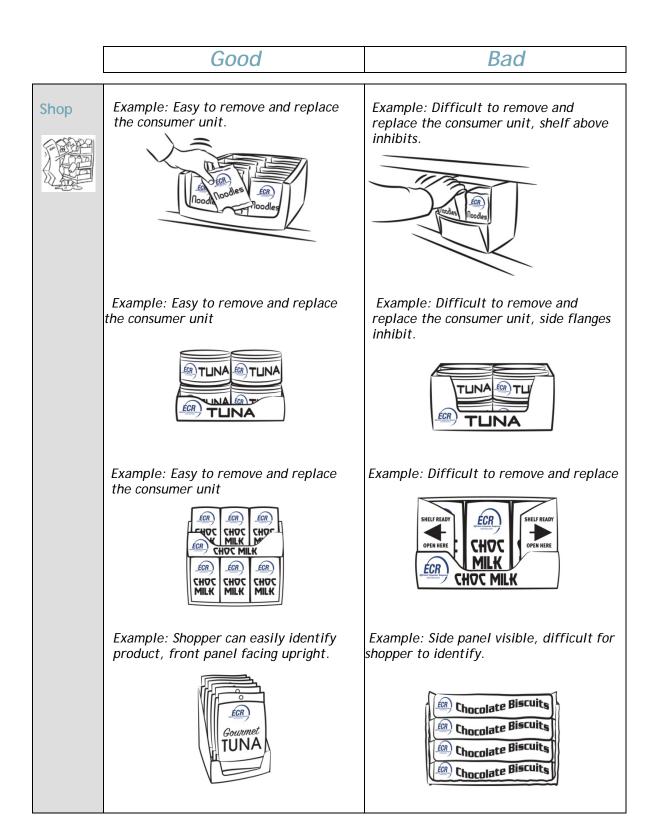
SECTION 4: EXAMPLES OF PACKAGING OPTIONS

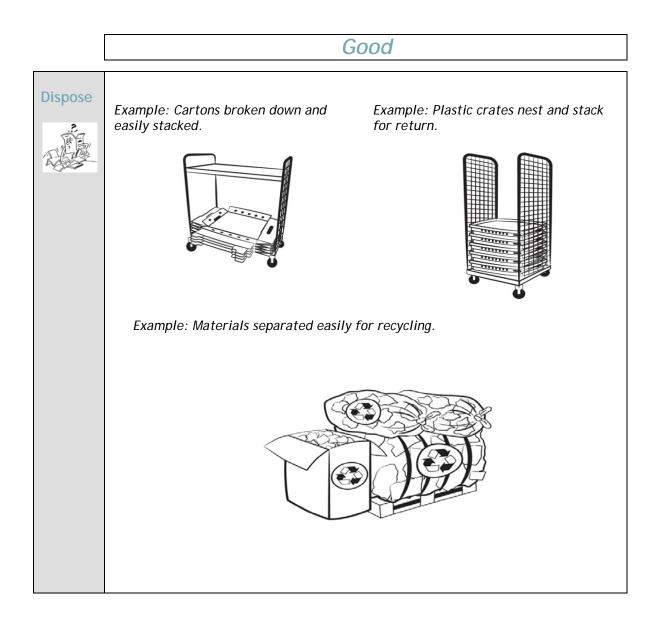
The following examples of SRP options that have been very effective and some that have not been effective at all.











SECTION 5: RETAIL SPECIFICS



Commitment	Shelf Ready packaging (SRP) allows better filling at store level, driving improved product availability thereby improving sales. It is in all our interests to ensure that SFP is developed on all new and existing products.
Nominal Shelf Dimension	Nominal shelf depth - 505mm
Shelf Replenishment (cases)	SFP aligns closely with the optimal product count in the carton. Work with Category Manager (Buyer) to ensure the number of units available in a SFP carton aligns closely to its rate of sale, thereby optimising days of supply and reducing waste issues such as out of codes and rework damage in store.
	Work with the Category Manager (Buyer) and Space planning team to determine the appropriate carton unit count when developing SFP.
	To meet Coles replenishment practices two SFP cases should fit on each shelf, referred to as one touch.
Prioritisation	Coles SFP priorities are to rapidly increase the number of products available in SRP across all categories and to improve existing SRP quality.
Implementation	SFP conversion is managed by category via the Category Manager (Buyer). Processes and examples are available in Coles Shelf Friendly Guidelines (see below) and the ECRA Retail Ready Packaging Toolkit.
Approval Process	The Coles Category Manager (Buyer)approves SFP. The approval process can be viewed in the Shelf Friendly Packaging Guide which can be found at: <u>http://supplier.coles.com.au/range/shelf-friendly-packaging.aspx</u>
In-store	All acceptable SFP is planned on layouts to the maximum degree possible. Store execution is managed through training and shelf edge ticket identification. Surveys are conducted regularly to assess SFP quality and its penetration by category. SFP execution is a key objective for Coles. Suppliers can assist by closely following SFP instructions on layouts.
Retail Guidelines	Shelf Friendly Packaging Guidelines The guidelines are the first step and suppliers are welcome to feedback or contribute to their further development. Access the guidelines at: <u>http://www.supplier.coles.com.au/businessTransformation/default.asp</u>





Commitment	Foodstuffs New Zealand's priority is to ensure any savings resulting from a more efficient supply chain via its own network and that of its suppliers result in lower costs for its members and retail consumers. This extends to cover store operational practices, including ensuring the configuration of deliveries from Foodstuffs distribution centres are optimised for handling, put-away and finally display on the retail shelf.
	 In doing this we will: work closely with local and international suppliers to help identify, prototype and trial any RRP changes; ensure we are being the very best supplier to our stores for our complete Private Label range; ensure that the product range, pack sizes and replenishment operations result in the most optimal store delivery practices as possible;
	Note: The PAK'nSAVE format is the only Foodstuffs Retail Brand that is currently capable of actively supporting the RRP concept. Where feasible RRP is and will be considered for the New World And Four Square Retail Brands.
Nominal Shelf Dimension	Nominal shelf depth New World - Length 91.5cm; Height 180cm & Depth 45cm PAK'nSAVE - Length 180cm; Height 215cm & Depth 50cm Four Square - As New World Specs (In most instances)
Shelf Replenishment (cases)	 PAK'nSAVE Varies according to product movement, packaging dimensions etc. Can vary greatly, 2 cases to up to 10. This does not include Picking Faces unique to PAK'nSAVE. New World Not applicable in most instances. (2 Cases max) Four Square Not applicable in most instances.
Prioritisation	Private Label product as presented and where feasible.
Implementation	As agreed upon with trading partners
Approval Process	Through Foodstuffs Category Managers and Foodstuffs Own Brand Ltd Category & Quality Assurance Managers
In-store	Ease of identifying Retail Ready Packaging essential and awareness training provided by Supplier Representatives (During launch) key to in- store implementation and management
Retail Guidelines	Foodstuffs New Zealand supports these guidelines. Further information can be found at <u>http://www.tradingpartnerforum.com.au/</u>



Commitment	Metcash has played an integral part in the establishment of the industry guidelines for RRP, and is committed to supporting the development and use of retail ready packaging.
Nominal Shelf Dimension	Nominal shelf depth - 455mm
Shelf Replenishment	Case plus 2 (order multiple)
Prioritisation	RRP solutions will not be actively pursued. If RRP solutions are presented for implementation and are mutually beneficial they will be used.
Implementation	Metcash Trading being a representative to over 4,500 independent retailers is cognisant of the varied store formats that it represents together with the maximum suitable facings within a particular category. We support the industry guideline set out within this toolkit when deciding on the acceptance of a product in SFP.
Approval Process	Whilst no formal process is adopted in Metcash, all Retail ready packaging is to be presented and discussed with each respective National buyer.
In-store	All products in shelf ready packaging are outlined on each category layout. It is advisable for all Suppliers to liaise with each independent retailer on the use of shelf ready packaging within their store.
Retail Guidelines	Metcash Trading supports these guidelines. Further information can be found at <u>http://www.tradingpartnerforum.com.au/</u>





Commitment	 SFP is an important tool in providing in-store replenishment efficiencies which culminate in increased product availability to customers. They provide an opportunity to reinforce a brands image on the shelves and assist in maintaining shelf position. SFP will only be implemented where: The SFP meets Woolworths Logistics specification, The SFP solution is intuitively more efficient by design, i.e. Easy to ID, Open, Replenish and Dispose/Recycle, The SFP is easy to shop, providing customer value through enhanced product recognition and availability, The SFP can be accommodated via store planograms, The fixture and the nature of the product is conducive to SFP use.
Nominal Shelf Dimension	Nominal shelf depth - 460mm Shelf dimensions can be obtained from <u>www.wowlink.com.au</u> Go to Topic Centre, Buying and Marketing, Category Development Schedule and download APOLLO DIMENSIONS LISTING.
Shelf Replenishment (cases)	Case size and configuration needs to be agreed upon with the Business Team prior to the commencement of SFP development. Woolworths require that product meets the 'Case plus MPL' criteria. The preference is for trays to be designed that are half as deep as the shelf. This would allow two trays to be on shelf at any time.
Prioritisation	 SFP development will be driven by a prioritised category approach where: High Priority - SFP solutions will be actively sought across the entire category e.g. high volume fast moving. Medium Priority - Products will be reviewed with respect to SFP opportunities and groups of products within categories will be targeted where appropriate in order to exploit the benefits of SFP. Low Priority - SFP solutions will not be actively pursued. If SFP solutions are presented for implementation and are mutually beneficial they will be used.
	Refer the Woolworths Packaging and Barcode Specifications for Consumer Units, Trade Units and Logistics Units for further detail.
Implementation	The implementation of new SFP will be executed through the formal Range Review process. However, if SFP is provided outside the Range Review process, it may be considered at the discretion of the business team.

Approval Process	Prototype SFP designs should be submitted to the relevant Business Team for approval.
In-store	Woolworths have adopted a shelf label signifier. The signifier is specific by store, it tells the shelf filler that the product is provided in an acceptable SFP and the packaging is to be used to fill this product in this store. If the product is supplied in SFP but does not fit in a particular store because there are incompatible product facings the signifier will not be present on the shelf label.
Retail Guidelines	Woolworths Packaging and Barcode Specifications for Consumer Units, Trade Units and Logistics Units.
	www.wowlink.com.au Go to Supply Chain, Packaging and Barcodes.

SECTION 6: INDUSTRY TOOLS

The following tools have been developed to assist businesses deliver RRP solutions.

Shelf Ready Packaging Checklist

The SRP Checklist aims to ensure that relevant requirements are considered:

- during development phase
- through dialogue internally and
- in dialogue with between trading partners, and
- during final approval process.

The checklist provides a summary of the key considerations when formulating design changes or developing new packaging solutions. It should be used in consultation with trade partners, packaging providers and internal stakeholders. The toolkit can be modified to meet internal processes and practices.

Download the SRP Checklist <u>here</u>.

Financial and Sustainability Business Case Tool

A Financial and Sustainability Business Case Tool has been develop by industry participants under the stewardship of ECRA to assist users in capturing and calculating the financial and environmental impacts of different SFP choices.

It is intended to be used internally or in consultation with trading partners to provide and end-to-end value chain view of the impacts. It is also provide users support to be able to establish the requisite information so that they will be better able to work from a fact base in discussion with trading partners and deliver best practical mutual outcomes as a result.

Download the Financial and Sustainability Tool here and instructions here.

In-Store Audit Checklist

Following implementation it is recommended that a review of the solution be performed to ensure guidelines are met, metrics achieved and efficiencies attained. The following audit pro-forma can be adopted by trading partners and used in a consultative fashion to ensure long term sustainable solutions are adopted.

Download the In-store Audit Checklists here.

SECTION 7: ADDITIONAL INFORMATION SOURCES

Coles Group Limited

www.supplierportal.coles.com.au

Trading Partner Forum

ECRA Retail Ready Packaging Toolkit Edition 1, 2 and 3 Carton Identification Guidelines Shelf Ready Packaging Checklist Financial and Sustainability Business Case Tool In-Store Audit Checklist www.tradingpartnerforum.com.au/

Foodstuffs

www.foodstuffs.co.nz

GS1 Australia

www.gs1au.org/resources/technical-documents/ www.gs1au.org/

Metcash Trading Ltd <u>www.metcash.com</u>

Progressive Enterprises Ltd www.progressive.co.nz/

Woolworths Ltd www.wowlink.com.au

