NON-WOVEN W-CUT CARRY BAGS

VEST-TYPE GROCERY PACKAGING SPECIFICATION

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10 Quick Keywords Specification

1. HANDLE STYLE W-Cut / Vest	2. POLYMER Spunbond PP	3. SIDE GUSSET Expandable	4. SEALING Ultrasonic	5. ECO-STATUS 100% Recyclable
6. WEIGHT 25 - 60 GSM	7. WATER Hydrophobic	8. USAGE Grocery / Retail	9. SAFETY AZO-Free Dye	10. EFFICIENCY High Capacity

Multi-Angle Product View



Figure 1: Six-angle visual analysis demonstrating front view, rear view, side profile, top opening cavity, and 3D isometric stack presentation.

Key Engineering & Design Features

Polypropylene Spunbond Weave

Formed from 100% virgin polypropylene (PP) micro-fibers, yielding strong cross-directional tensile strength and flexibility.

Expandable Side Gussets

Deep side pleats allow the bag to open wide into a boxy structure, accommodating bulky grocery and retail items.

Integral Vest Loop Handles

Continuous loop handle design distributes weight evenly along vertical side seams, preventing handle tear-out under load.

Environmental & Food-Contact Compliance

100% recyclable, reusable, and biodegradable under industrial composting conditions. Certified AZO-free non-toxic dye processing compliant with global retail standards.

Dimensional & Load Specifications

Dimension Parameter	Small (Rx / Convenience)	Medium (Standard Grocery)	Large (Supermarket)	X-Large (Bulk Carry)
Bag Dimensions (W x H)	25 x 45 cm (10" x 18")	30 x 50 cm (12" x 20")	35 x 60 cm (14" x 24")	40 x 65 cm (16" x 26")
Side Gusset (Depth)	10 cm (5 cm x 2)	12 cm (6 cm x 2)	14 cm (7 cm x 2)	16 cm (8 cm x 2)
Fabric Density Range	25 - 35 GSM	30 - 45 GSM	40 - 55 GSM	50 - 65 GSM
Handle Length (Vest Loop)	12 cm height	14 cm height	16 cm height	18 cm height
Recommended Load Limit	Up to 3 kg	Up to 6 kg	Up to 10 kg	Up to 15 kg

Bulk Packaging & Shipping Metrics

Logistics Detail	Medium (30x50 cm)	Large (35x60 cm)	X-Large (40x65 cm)
Inner Polybag Bundle	100 pcs / outer bag	100 pcs / outer bag	100 pcs / outer bag
Master Carton Yield	2,000 pcs / carton	1,000 pcs / carton	1,000 pcs / carton
Carton Dimensions	52 x 32 x 38 cm	50 x 37 x 32 cm	55 x 42 x 35 cm
Gross Weight (G.W.)	14.2 kg / carton	11.8 kg / carton	15.4 kg / carton
20ft Container Yield	~420 Cartons (840k pcs)	~450 Cartons (450k pcs)	~320 Cartons (320k pcs)
40ft HQ Container Yield	~1,020 Cartons (2.04M pcs)	~1,080 Cartons (1.08M pcs)	~780 Cartons (780k pcs)

Storage & Transport Guidelines

Bags are flat-packed in high-density compressed bundles inside protective moisture-proof poly sleeves prior to casing in heavy-duty 5-ply corrugated export cartons. Store in clean, cool, and dry ambient warehouses away from direct sunlight and heat sources.

Customization & Branding Capabilities

Flexographic high-speed printing up to 4 colors using food-safe, odor-free water-based inks. Wide color spectrum options including green, white, blue, yellow, red, and custom pantone shades.