OFFICIAL B2B ENGINEERING SPECIFICATION DOSSIER · VELLA-DOC-2026-06

# GLOBAL REGULATORY, LABEL REAL-ESTATE & EU PPWR SUSTAINABLE PACKAGING GUIDE

US FDA MoCRA · EU PPWR 2030 · UK March 2027 RAM · Australia ChAFTA · GRS PCR & Refill Systems

**Executive Engineering Summary:** In every export market, the compliance burden that lands on primary packaging is print real estate and material recyclability documentation. Vella verifies artwork printable geometry and provides GRS Transaction Certificates (TC), food-contact LFGB/EU 10/2011 reports, and HS tariff classification.

## 1. Quantitative Engineering & Commercial Matrix

| Destination Market | Mandatory Packaging / Label Rule | Vella Engineering Deliverable | Primary HS Codes | Duty / Origin Note |
|---|---|---|---|---|
| European Union (EU) | PPWR 2030 recyclability & PCR targets; CPNP RP | Mono-PP airless, refill pod jars, GRS 30-100% PCR | 3923.30 / 7010.90 | REACH SVHC + EU 10/2011 food-grade |
| United Kingdom (UK) | Mandatory RAM recycling mark from 31 Mar 2027 | Print-area check for UK RP address + RAM icon | 3923.30 / 7010.90 | UK EPR weight-based component spec |
| United States (USA) | FDA MoCRA domestic adverse-event contact on label | 360-deg silk-screen / carton dieline layout check | 7010.90.50 / 3923.30.00 | Section 301 HTS optimization |
| Australia (AU) | ACCC mandatory ingredient & importer address | ChAFTA Certificate of Origin (0% tariff route) | 7010.90 / 3923.30 | 0% duty with Form ChAFTA |
| Middle East (GCC) | SFDA / Montaji bilingual Arabic-English + 48C heat | High-temperature head-space & FEA 15 crimp seal | 7010.90 / 9616.10 | SASO / CoC shipment documentation |

## 2. Vella Six-Module Governance & Buyer Protection Commitments

**Module 1-2 · Spec & Source**
Brimful vs nominal verification, neck finish matching (18/410, 20/410, 24/410, FEA 15), and

**Module 3-4 · Sample & Mould**
Spectrophotometer Pantone Delta E <= 1.5 across materials, 48C/30-day compatibility report,

**Module 5-6 · 4-Gate QC & Ship**
IQC/IPQC/FQC/OQC under AQL ISO 2859-1, –0.08 MPa vacuum test, 3M 600 tape test, and

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small-run routing from 500 to 2,000 units.

and 30/40/30 brand mould ownership.

consolidated ISTA 3A export shipping.

**Fast-Track Stage-1 Engineering Scope & Sample Dispatch (24-Hour SLA)**
Send your target formats, capacities, decoration references, and run volume to **Alex Gao** at **alex@vellapack.com** or WhatsApp **+86 139 2512 2895** (Web: **vellapack.com/contact**). We return a line-by-line feasibility breakdown (Stock vs. Decorated Stock vs. Private Mould) within 24 hours.