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This is a compliance document for circulation to customers, manufacturers and suppliers. Please make sure the appropriate people in your company are given a copy of this document.

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Purpose

The purpose of this specification is to ensure that supplied muselets and strip wires are capable of being applied on Vinpac's automated bottling lines.

Guidance

Our experienced staff members are available to answer any queries regarding the content of this specification.

All queries regarding the requirements of this specification should be directed through the customer's Account Manager.

Responsibility

Customers must ensure that muselets and strip wires provided to Vinpac are manufactured with reference to the information contained in this Specification and be capable of mechanical application on Vinpac's automated bottling lines.

Requirements

Technical drawings and application specifications must be supplied in PDF format to the customer's account manager six weeks before the scheduled bottling date. At least 50 samples will be required for trial on our automated bottling lines.

Criteria and Tolerances

Criteria	Description	Tolerances
Dimensions	Length	Per product specification (+/- 0.8mm).
	Top Diameter	Per product specification (+/- 0.5mm).
	Height	Per product specification (+/- 0.6mm).
Body Wire	Specification	Galvanised/lacquered wire diameter 0.95mm (+/- 0.03mm).
	Galvanisation	First fusion zinc (French Standard NFA91.131).
	Purity level	99.995%
	Mechanical strength	Minimal elongation: 16% Minimal tensile strength: 28% Minimal torsion for wire: 210mm long: 44 rotations with a 4mm diameter ring
Strip Wire	Specification	As per supplier specification.
	Galvanisation	First fusion zinc (French Standard NFA91.131).
	Purity level	99.995
	Mechanical strength	Minimal elongation: 18% Minimal tensile strength: 28% Minimal torsion for wire: 210mm long: 44 rotations with a 4mm diameter ring
Disc Steel	Tin Plated Steel	Thickness: 20 µm – 22 µm (+/- 0.2µm).
		Minimal tin coating: E = 5.6 µm.
		Thickness of tin: 5.6 µm on both faces.
	Coloured Steel	Thickness: 21 µm - 23 µm (+/- 0.2 µm).
Coloured Coating	Electrolytic tin plated steel and Chromium tin plated steel: <ol style="list-style-type: none"> 1. Pretreatment varnish 2. Ink 3. Over coating varnish 	
Packaging and appearance		Sticks packed horizontally. No sign of damage, not crushed and not stuck together.
Spacing of muselet		Spaced evenly on stick to dispense automatically.
Length per stick		Less than 600mm.
Bottle application		No breaking of wire when loop twisted.

Packing and Delivery

Detailed information on the packing and delivery of dry goods is contained in SU-009 – Vinpac Specification - Dry Good Packaging and Delivery Requirements.

Recycled Material and Packaging

As part of Vinpac's sustainability objectives, where practical muselets shall be packed using recyclable materials and all packaging materials minimised.

References

Winemakers Federation of Australia – Wine Packaging Guidelines November 2012

www.wfa.com.au