



Product Technical Data Sheet

29mm 0.23mm TFS-ETP Oxygen Scavenger Crown V2 profile

General features

29 mm pry-off crowns with solid PVC-Free liner for glass finishes. The V2 profile is used, giving effective sealing on both the inner and outer segments of the sealing surface. Various liner materials are available including barrier and oxygen scavenging options.

Not suitable for Champagne or Cava products, it doesn't work with products that need "obtuteur".

Skirt – Technical Data

Closure description:	decoration according to customer requirements
Crown size:	29 mm crown closure
Shell metal:	Tin Free Steel / Tin Plate EURONORM 10202/2001
Metal thickness:	0.23 ± 0.02 mm (TFS-TP E 2.8/2.8 g/m ²)
Metal hardness:	min 61 BA or 57CA (for 0.23-0.235 TFS-ETP), max 61 CA (for 0.23 TFS-TP)
Crown external diameter:	35.35 ± 0.25 mm
Crown height:	6.8 ± 0.15 mm (TFS, TP)
Type of varnishing:	Internal side: adhesion varnish for PVC-Free EU and FDA direct food contact compliant External side: optional primer or enamel, optional offset inks, transparent external varnish

Liner – Technical Data

Material:	Oxygen Scavenger
Liner profile :	V2
Liner weight :	400 ± 30 mg
Food contact:	EU and FDA compliant, suitable for use on aqueous, acid and low alcohol content beverages, pasteurisation resistant.

Lab performance and others

Internal pressure retention:	immediate after closure on steel bottles min. 8 bar
Crimping diameter:	31.5 ÷ 31.6 mm (total force required 400Kp)
Application equipment:	compatible with all standard closing equipment.

Closure application and performances should be verified on a case by case basis, as the capping is a function of both the bottle neck (design and consistency), the specific closing equipment used (closing tools, capping loads), and thermal treatments (pasteurization).

Storage

The crowns should be stored in a clean, well ventilated, dry place, avoiding direct sunlight, high temperatures, and exposure to volatile contaminants, and must not be stacked. The crowns stored in these conditions, have a shelf life of no less than six months.