
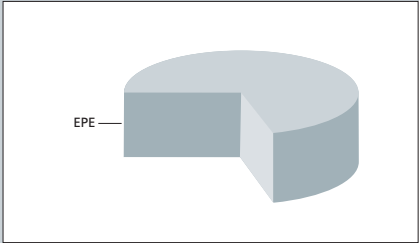


MALA CLOSURE SYSTEMS INC.


SEALS



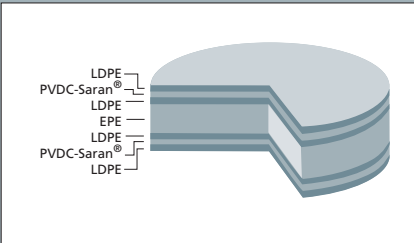
EPE-LINER



EPE - extruded polyethylene




SARANEX

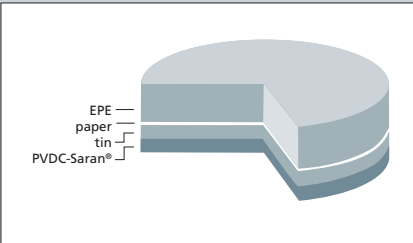


LDPE  
PVDC-Saran®  
LDPE  
EPE  
LDPE  
PVDC-Saran®  
LDPE

PVDC - Polyvinylidenchlorid



SARAN-TIN



EPE  
paper  
tin  
PVDC-Saran®



SEALINGS

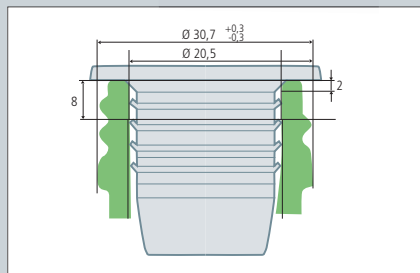
COMPOUND



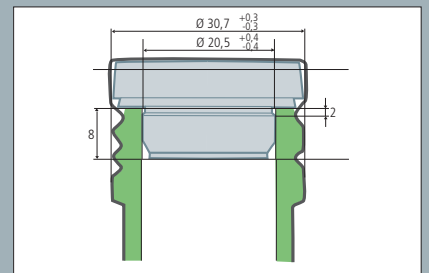
PLASTISOL (PVC-free)



NON-REFILLABLE FITMENTS (NRF)



POURER





## MALA CLOSURE SYSTEMS INC.

### EPE liner/ Saranex / Saran-tin

EPE is a closed cell unlinked polyethylene foam, which was drawn by pure oxygen drawn supply. With Its high elasticity and strong resilience Alkozell is excellently suited to compensate tolerances between the closure and the bottle mouth. Depending on the application, there different disc types: EPE unlaminated or laminated. For wine closures we offer laminated liner with PVDC (Polivinylden-chlorid) under the brand name Saranex® and with an extra tin foil provided on the Saran® Tin liner. The advantage of these discs is their low oxygen permeability and their safety for food packaging.

### Compound

Compound is suitable for horizontal wine storage and offers high protection against the internal pressure resulting from temperature differences, as well as carbonated drinks. Compound shapes itself to tightly fit the mouth of the bottle.

### Plastisol

Plastisol is a PVC-free material and has good elastic properties. It can withstand very high internal pressure and can be used up to 85° C for hot fillings.

### NRF

The non-refill insert is appropriate for alcoholic and nonalcoholic beverages without internal pressure in vertical storage. This synthetic insert (LDPE), both prevents the refilling of original bottles (recanting) and functions as a bottle spout. The upper part of the (seal) remains on the closure after opening and the non-refillable portion remains inside the bottle mouth. The NRF is delivered fully assembled in the aluminum screw cap closure. For more information, see our product specification

### Pourer

The Pourer is a plastic insert (LDPE) for drip-free pouring of the bottle contents. It is mainly used for cooking oil, but is also suitable for alcoholic and non-alcoholic beverages without internal pressure. It is unsuitable when bottles are stored horizontally. The pouring system is delivered already assembled in the respective aluminum screw cap closure. For more information, see our product specification

application	EPE-liner	Saranex	Saran-tin	Compound	Plastisol	NRF	Pourer
Miniatures PP	•	•					
Pilferproof PP	•	•					
LongCap	•	•				• <sup>4</sup>	• <sup>5</sup>
LongCapWine	•	•	• <sup>1</sup>	• <sup>2</sup>			
MCA	•	•		• <sup>2</sup>	• <sup>3</sup>		

1 LCW 30 x 60 (BVS)

2 LCW 28 x 44  
MCA VIN 28 x 15  
MCA 28

3 MCA 28 x 15

4 LC 28 x 38/44/50  
LC 30 x 44/50/55/60  
LC 31,5 x 44/50/55/60

5 LC 31,5 x 44/50/55/60  
LC 31,5 BoR