

Beer packaging Cheat Sheet by [deleted] via cheatography.com/87776/cs/20236/

Packaging purposes Purpose • Physical protection • Barrier protection • Containment or agglomeration • Information transmission • Marketing • Security • Convenience • Portion control Types: · Primary, the material that holds and contains the product • Secondary, the material outside the primary packaging, often used to group primary packages together • Tertiary and packaging systems, the material used for bulk handling, warehousing and transportation Primary Bottles, cans, kegs, casks containes: [immediate and future consumption, can be one-use or refillable] Single opener, resealable, Closure: functions as dust cover and tampering seal Secondary Enable tertiary packaging • Protect primary packaging packaging: against damage during transport and distribution • Provide handy clusters easy and convenient for consumers to handle • Promote the products towards customers and consumers Tertiary: Pallets Imao Inspecneck, sidewall, inner sidewall, base, bottle colour, caustic/rtions: esidual liquid, scuffing

Preform	ns, PET
Onesta	ge PET pre-forms are produced and blown into finished bottles in the same machine.
Two- stage process	PET pre-forms are produced and stored in containers. One advantage is that the pre-forms take up less space than the finished bottles.
Berg's	Capacity - V!
Concep	Make sure the filler is the slowest part to ensure no holdups
Filling	
Main focus:	Avoid beer loss
	Ensure nominal fill
	Avoid contamination, precent air and oxidation, avoid CO2 loss
Types of filling	Counter pressure (Level filling, Volumetric filling[Metering chamber with transsonar level probes])
	Gravity filling
	Mechanical valve (Conventional), Electro-pneumatic valve
When to do what:	Level filling • Returnableandnon-r- eturnableglassbottles • Returnable PET bottles (regardless of size) • Smalldiametercontainers
	Volumetric filling • Dimensionala- ccuratecontainers • Large diameter containers (in neck area) • Nonetransparentcontainers • Typically: High quality one way plastic bottles and cans of larger volumes

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Pasteuris	ation
PU	1 PU is 1 minute at 60°C.
Formula	PU = t * 1.393^(T-60)
Flash	Beer is heated in a plate heat
Pasteu-	exchanger, held at 68-72°-
risation	Cfor30-50 sec, then cooled
	down again

	down again
Labelling	
Types	Cold glue vs self adhesive



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Not published yet.

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Page 1 of 1.

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