

		Pfankuch Wrapper	Shrink Wrapper
Speed	machine drive	servo	varies
	multiple tracks	yes - multiplied output / cycle	no
	cycles/minute	up to 120	varies
	packages/minute	up to 360	varies
Versatility	unique package appearance	yes - comparable to hand bagged product	no - nothing distinguishing
	recloseable	yes - optional	no
	header	yes - optional	only with extended backer card
	Printed film	yes - optional + easier and more accurate - no artwork distortion required + since the process uses two webs, you can pay for printing only the part you need	yes - optional
Materials	material cost	average ≈ \$2.00/lb @ 80g.	average ≈ \$4.00/lb @ 60g.
	scrap	less than side seal	minimal with lap seal
	special handling		
	refrigerated shipment	no	yes - with PVC
	refrigerated storage	no	yes - with PVC
	sealing system	standard	can require proprietary system for PVC
	chlorine smoke	none	can occur with PVC
Aesthetics	film optics	excellent	PVC - extremely clear and glossy Low shrink force polyolefins can be cloudy
	crow's feet	none	often occur around edges
	seams on front or back	none	almost impossible to control
	lap seal	none	can obscure information on back
Other savings	integrated feeders / collator	yes - one manufacturer	can be integrated
	shrink tunnel	none	yes
	capital	na	varies
	electricity	na	depends on model
	compensating cooling	na	AC required to cool heat from tunnel
	backer card	can be just paper since there is no shrink force	required to prevent the package from curling