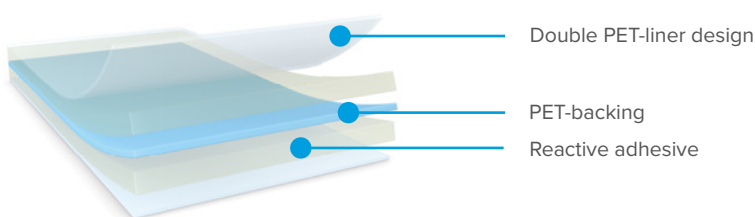




tesa[®] L-tape – for more design freedom

Light-curing structural bonding tape

tesa[®] L-tape combines the high bonding strength of structural bonding adhesives with PSA-like handling. It is the perfect solution for demanding bonding applications needing higher bonding strength and higher reliability than PSAs can achieve.



- tesa[®] L-tape is a thin and flexible double-sided translucent structural bonding tape
- The backing facilitates the die-cutting process of even sophisticated die-cut designs
- The reactive adhesive is activated by light



Design freedom

Less limitations on bonding widths, low oozing rates, and possible usage of a wide range of (temperature-sensitive) substrates provide you with the maximum of flexibility.



Durability

Outstanding bonding performance, high reliability even under harsh conditions, and impact resistance can make your devices even more durable.



Efficiency

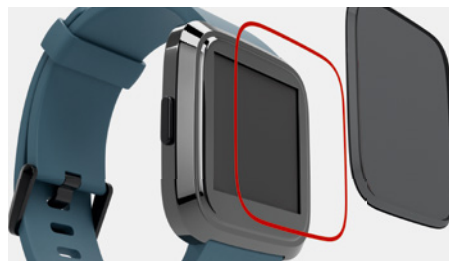
High tack, immediate bonding strength and short cycle times enable you to make production processes simpler and faster.

Technical overview

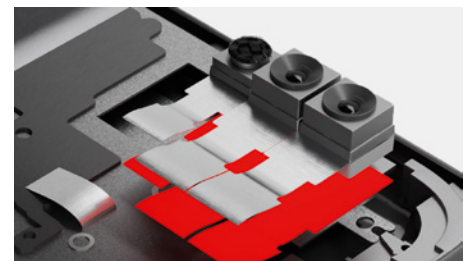
Product		tesa® L-tape 8694	tesa® L-tape 8698	
Thickness [µm]		100	200	
Color		Translucent	Translucent	
Adhesive		Reactive acrylate adhesive	Reactive acrylate adhesive	
Backing		PET	PET	
Activation temperature		Room temperature by light	Room temperature by light	
Activation pressure		Low (≤5 bar)	Low (≤5 bar)	
Bonding strength	Push-out [MPa]	PC/PC	5.1	7.2
		Al/Al	6.2	7.5
		SUS/SUS	5.3	6.7
	Dynamic shear [MPa]	PC/PC	5.0	7.0
		Al/Al	8.5	9.0
		SUS/SUS	10.0	11.0
Shock resistance	DuPont [J/cm ²]	PC/PC	1.5	1.8
		Al/PC	1.0	1.3
		SUS/SUS	0.3	0.3



Back-cover mounting in smartphones



Lens mounting in smartwatches



Mounting of components in smartphones

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