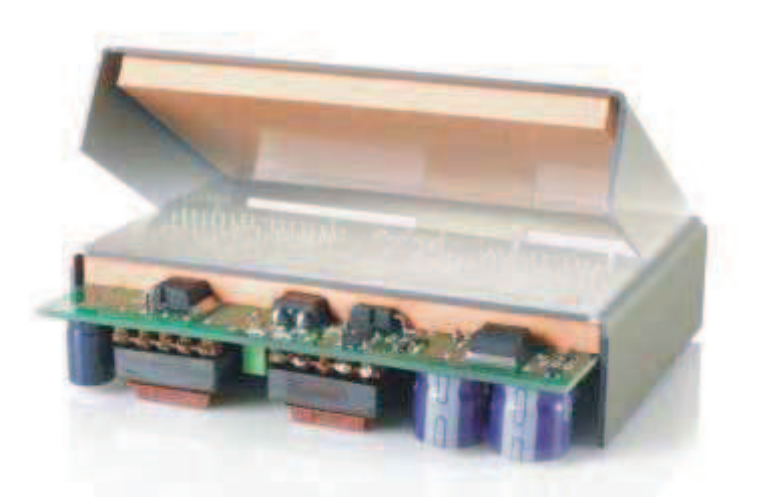
Keratherm® - Softtherm® - Application Notes



Softtherm® - materials are highly elastic, perfectly conformable low-tension gap filler. They achieve a very good balance of different surface mounting heights such as: component differences, housing irregularities, gap-bridging in mechanical or electronic components, disortions of PCBs, etc.

First remove the covering on the soft, compressible side (yellow at 86/200, red at 86/250 and 86/255). With all other Soffthem® - films the installation position can be ignored except the film has an adhesive coating. Then apply the film to the component and remove the second cover from the back.

When applying, make sure that the softer side of the film covering the component and thus compensates for the different heights. When using an adhesive film the adhesive is applied to the back of the film (carrier film) and is covered with a "Removeliner". In this case, after the removal of the "Removeliner" the film is applied with the adhesive side to the heat sink or the housing. The cover on the soft side is removed prior to the application. Assemble your application and apply a mounting pressure, so that the material adapts well to the parts. At maximum pressure, the compressibility of the film should not be more than 30% of the original thickness. If using more pressure the material can leak out.

Carrier film decoding of Softtherm®- films

	86/200	86/120	86/125	86/250	86/255	86/235	86/225	86/320
upper cover	PP	PP	PP	PP	PP	PP	PP	LDPE-b
lower cover	PET	PP	PP	PET	PET	PP	PP	LDPE-g
adhesive cover	PP	LDPE-b	xx	PP	PP	xx	xx	xx

	86/300	86/325	86/450	86/500	86/525	86/600	U200	U281
upper cover	PP	PP	PP(x)	PP(x)	PP(x)	PP(x)	LDPE-g	PET-s
lower cover	PP	PP	PP	PP	PP	PP	LDPE-g	PET-s
adhesive cover	LDPE-b	xx	LDPE-b	LDPE-b	LDPE-b	LDPE-b	P-s	P-s

xx - no adhesive assemling possible (self-adhesion to high)
PP(x) - no cover with precuts

		indentification
cover	PP - transparent (100µm)	**PP**
	LDPE - green grained structure (90µm)	**LDPE-g**
	LDPE - blue large grained structure (120µm)	**LDPE-b**
	LDPE-siliconized (100µm)	**LDPE-s**
	Papier - siliconized (80µm)	**P-s**
	PET - siliconized (37/50/100 µm)	**PET-s**