

DuPont™ Liveo™ MG 7-9960 Soft Skin Adhesive



Proven Performance. Trusted Expertise.

Liveo™ MG 7-9960 Soft Skin Adhesive is the innovative addition to our proven family of Liveo™ Soft Skin Adhesives. It delivers our highest adhesion on skin while being gentle upon removal and repositionable. It can be used for advanced wound care dressings and medical device attachments where high but still gentle adhesion is needed.

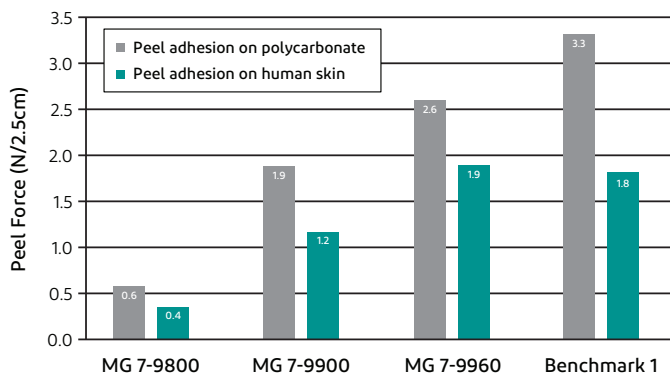
It provides design flexibility: coat weight can be tuned to adjust the adhesion level. It also provides manufacturing flexibility: the cure temperature could also be adjusted without sacrificing adhesive properties.

It has stable over ageing low peel force on release liners made from polyethylene or polypropylene films.

High Adhesion for Desired Performance.

Liveo™ MG 7-9960 Soft Skin Adhesive delivers the highest adhesion level in the Liveo™ Soft Skin Adhesives family, when testing on polycarbonate substrate and on human skin.

Adhesion force in peel tests for 250 g/m² coat weight



Benchmark 1: Silicone adhesive gel from competition
Benchmark 2: Acrylic pressure sensitive adhesive from competition

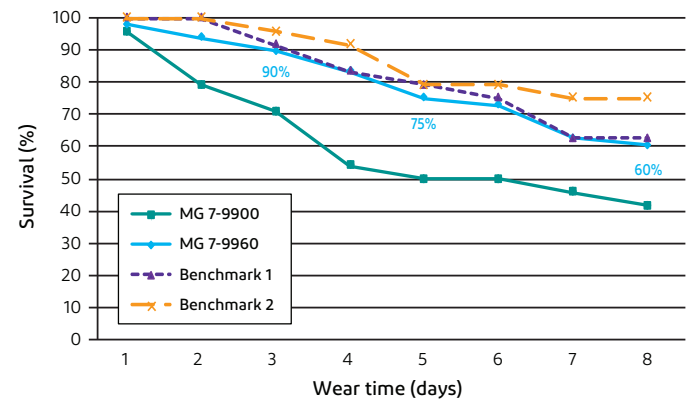
Soft elastomeric silicone adhesive for adhering medical devices to the skin with high adhesion force, longer wear time and gentle removal.

Excellent Performance in Skin Contact Applications.

Liveo™ MG 7-9960 Soft Skin Adhesive is non-irritating and non-sensitizing to skin.

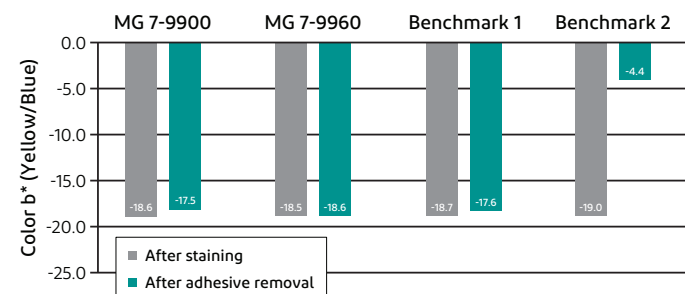
Liveo™ MG 7-9960 Soft Skin Adhesive exhibits the longest wear time on human skin in the Liveo™ Soft Skin Adhesives family, with 90% of patch survival after 3 days and 75% patch survival after 5 days.

Adhesive patch survival rate along 8 days wear study



Liveo™ MG 7-9960 Soft Skin Adhesive shows gentleness upon peeling off from skin with low dead skin cells removal and without skin redness. It shows repositionability to skin, maintaining its initial adhesion after three repositions.

Dead skin cells removal in skin-staining test



Flexibility for Tuned Performance.

Liveo™ MG 7-9960 Soft Skin Adhesive is a two-part, low viscosity silicone elastomeric adhesive.

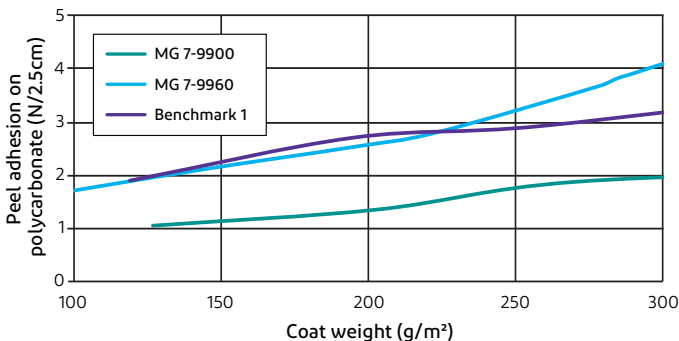
Liveo™ MG 7-9960 Soft Skin Adhesive physical properties data

CTM	Property	Unit	Result
0050	Viscosity Part A	Pa.s	5
0050	Viscosity Part B	Pa.s	5
1228	Penetration (softness)	mm/10	145
0964A	Peel Release*	N/2.5 cm	0.06
0964A	Peel Adhesion**	N/2.5 cm	2.8

Peel release force value* is measured on LDPE and peel adhesion force value** is measured on polycarbonate.

Liveo™ MG 7-9960 Soft Skin Adhesive delivers a peel adhesion of 2 N/2.5 cm on polycarbonate when the adhesive coat weight is reduced to 150 g/m². This enables to fine-tune the performance depending on device designer's application requirement.

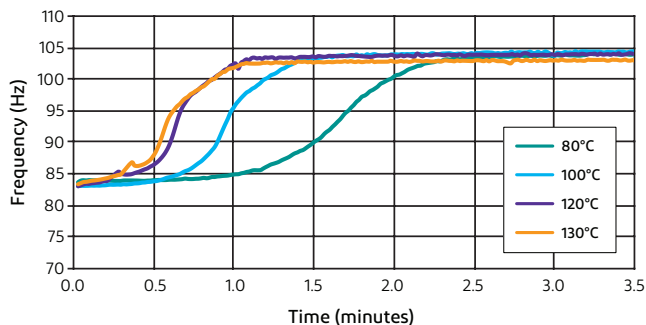
Adhesion force in peel tests for coat weight variation



Benchmark 1: silicone adhesive gel from competition

Liveo™ MG 7-9960 Soft Skin Adhesive also offers fast cure rates across a wide range of temperatures, enabling manufacturing flexibility without sacrificing adhesive performance.

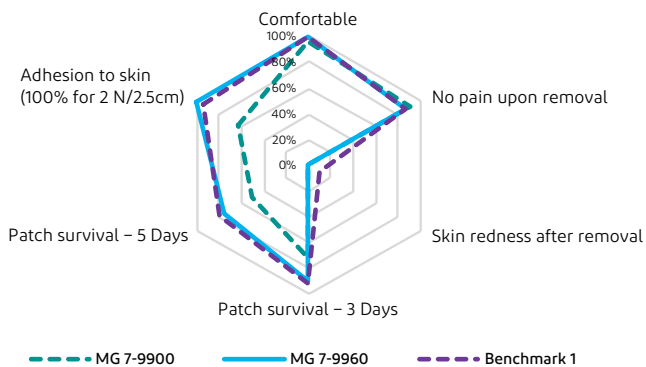
Cure rate profile of Liveo™ MG 7-9960 Soft Skin Adhesive at range of temperatures



Cure profiling conducted using a Smithers Rapra brand Scanning Vibrating Needle Curemeter (SVNC).

Liveo™ MG 7-9960 Soft Skin Adhesive

Broadens the Liveo™ Soft Skin Adhesives family with material having enhanced performance. Rivals with commercial silicone adhesive gel benchmarked material.



Lower values for the redness profile are suggesting less skin impact resulting in increased patient comfort
Benchmark 1: silicone adhesive gel from competition

The Liveo™ MG 7-9960 Soft Skin Adhesive offers consistent skin adhesion over several days with enhanced properties and patient comfort in wound care.

Note: the peel adhesion testing on skin and the wear tests were performed by a recognized external institute on 24 panelists following strict rules



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