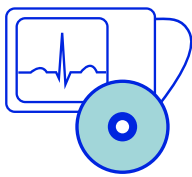
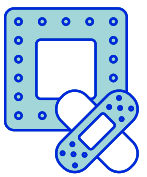


Flexcon® DermaFlex™

Flexible Adhesive Substrates for Wearables



Skin-Friendly Adhesives & Flexible Films

Flexcon® DermaFlex™ skin-friendly materials are intended for device attachment to the body. DermaFlex™ adhesives have been tested for biocompatibility (skin irritation, sensitization, and cytotoxicity) by Flexcon's adhesive suppliers using ISO-10993 or similar test methods*.

We offer three tiers of adhesion - Gentle Release, General Use, or Long-Term Wear - as well as a variety of finished formats, including single-coated, double-coated, and transfer tapes.

Choose from standard product offerings, or create your own unique combination of flexible substrates and skin-friendly adhesives that are optimized for your specific application needs.

*Biocompatibility testing was completed using a similar 'source' adhesive in some circumstances. Full biocompatibility results are available on the web and upon request.

Wearables



Medical Tapes



Monitoring



Device Attachment and Mounting & Bonding

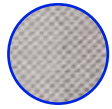


Substrates and Adhesives

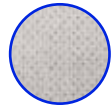
Our combination of flexible substrates and skin-friendly adhesives form a product portfolio that is suitable for a variety of applications.



Urethanes



Nylon-Reinforced Urethane (NNRU)

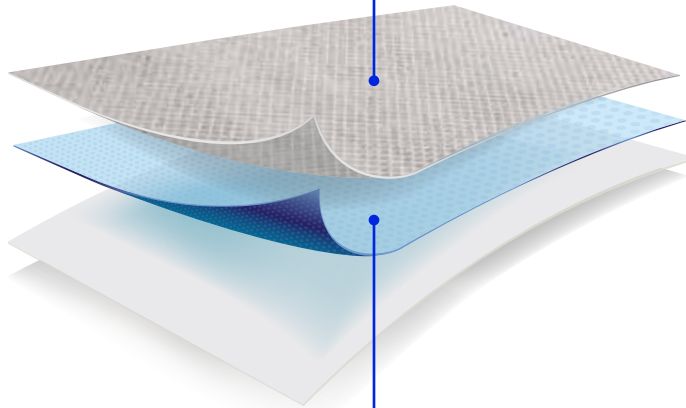


Non-Wovens



Soft Foams

Flexible Substrates



Adhesive Levels

Level 2 Gentle Release	Levels 3 and 4 General Use		Levels 5 and 6 Long-Term Wear	
<ul style="list-style-type: none"> Extremely gentle removal Best for fragile skin Suitable for repeat use 	<ul style="list-style-type: none"> General purpose Moderate strength Best for securement of tubing & dressings to healthy skin 		<ul style="list-style-type: none"> High strength for extended wear Durable anchorage Suitable for challenging skin types such as diaphoretic or hairy skin Best for medical device attachment 	
<p>H-506</p>	<p>H-520</p>	<p>H-529</p>	<p>H-566</p>	<p>H-778</p>
<p>Peel <3 Tack 91</p>	<p>Peel <65 Tack 720</p>	<p>Peel <69 Tack 930</p>	<p>Peel <99 Tack 1260</p>	<p>Peel <116 Tack 1010</p>

Peel (oz/in) ASTM D 903 (modified for 72 hr RT dwell off SS). Tack (g) ASTM D 2979. Peel values are an average. Specific product data sheets are available on website.

Many products are available for 2-day shipping. Contact Flexcon for more information. All other recommended products are standard constructions with a typical lead time of 10 business days. Flexcon has the ability to mix & match substrates, adhesives, and liners based on your needs.

Typical Applications

Product Matrix

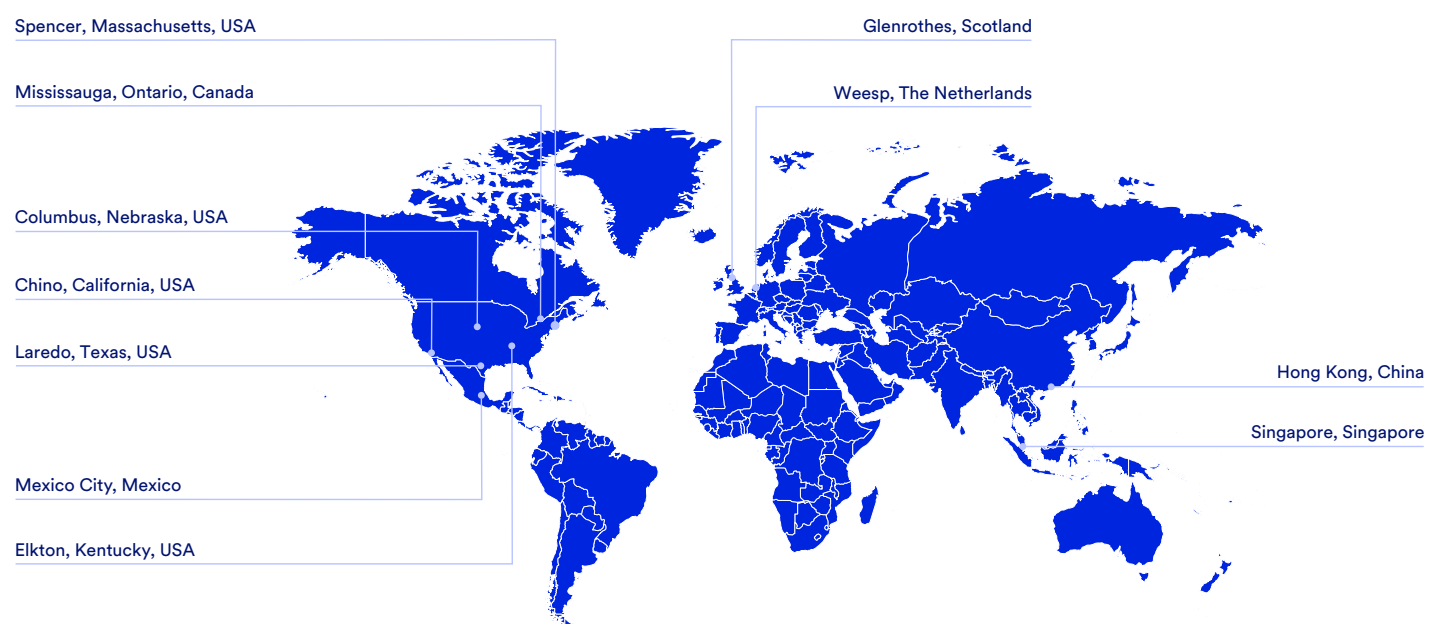
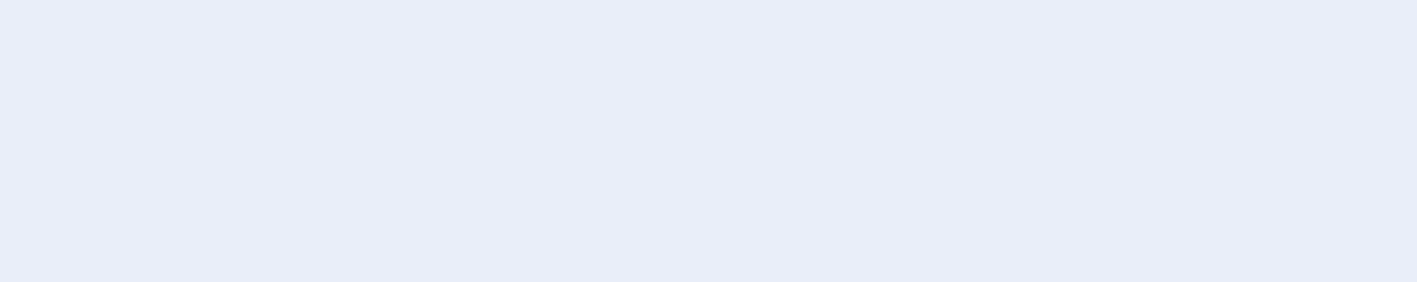
Applications	Recommended DermaFlex™ Products	Adhesive Level	Features & Benefits	Characteristics	Flexibility 	Extensible 	Breathable 	Soft 	Conformable 						
Wearables Flexible overtapes for: <ul style="list-style-type: none"> • Glucose monitors • Insulin pumps • Pulse oximeters 	FLX068278 NNRU 100 Clear H-506 Spec 50K-8	2	<ul style="list-style-type: none"> • Affix wearable device to body • Durable anchorage • Provide flexibility & movement • Double-face constructions available 	Substrates Nylon-Reinforced (NNRU)	<ul style="list-style-type: none"> • Conformable urethane film • Conforms around complex curves • Two-way stretch • Excellent tensile strength • Elastic properties • Allows movement 	●	●	●	●						
	FLX068642 NNRU 100 Clear H-529 Spec 50K-8 (2.4-2.6)	4				<ul style="list-style-type: none"> • Affix medical tubes & wiring in place • Prevent removal during patient care • Gentle options for sensitive skin 	Non-woven Polyester (NWP)	<ul style="list-style-type: none"> • Soft non-woven polyester fabric • Allows moisture to pass through 	●	●	●				
	FLX006979 NNRU 100 Clear H-566 Spec 50K-9	5							<ul style="list-style-type: none"> • Anchor conductive electrodes to body • Enable accurate signal tracing 	Foam (P.E.F.)	<ul style="list-style-type: none"> • Thick foam provides a sturdy base for electrodes & other applications • Soft and flexible • Lightweight • Variety of gauges available • Offered in white and black 	●		●	
	FLX069014 NNRU 100 Clear H-778 Spec 50K-8	6										Double-Face Tapes Double-Face Polyester (DFM) and Polyethylene (DFPE)	<ul style="list-style-type: none"> • Clear polyester and polyethylene film • Thin gauge • Flexible • Single and double adhesive 	●	
FLX068635 NWP 240 White H-506 90 PFW	2	Transfer Tapes Single and Double Liner	<ul style="list-style-type: none"> • Single and double-liner transfer adhesive for mounting & bonding 	●											
FLX006942 NWP 240 Flesh H-566 Spec 50K-8	5			Device Attachment <ul style="list-style-type: none"> • Single-sided and double faced (2-sided) tape for medical device attachment 	<ul style="list-style-type: none"> • Backed with 80 lb. and 90 lb. release liner for sheet-form converting • Single 55# release liner for roll-form converting 	●									
FLX068292 NWP 240 White H-778 90 PFW (1.9-2.1)	6	Mounting & Bonding <ul style="list-style-type: none"> • Transfer adhesive for high-adhesion mounting & bonding applications 	<ul style="list-style-type: none"> • Backed with 80 lb. and 90 lb. release liner for sheet-form converting • Single 55# release liner for roll-form converting 			●									
FLX006934 P.E.F. 08 White H-520 Spec 50K-8	3														
FLX065697 P.E.F. 32 White H-529 90 PFW (1.9-2.1)	4														
FLX043160 DFM 100 Clear H-566 80 D/F PFW	5														
FLX070108 DFPE 300 F Clear H-566 90 PFW H-778 55 LA K	5														
FLX059279 TT 200 H-566 80B PFM 90 PFW	5														
FLX068435 TT 200 H-566 55 LA K	5														

We offer three tiers of adhesion - Gentle Release, General Use, or Long-Term Wear. Levels are determined by Peel and Tack characteristics. Please refer to the Adhesive Level diagram.

Supporting Businesses Globally

In 1956, Myles McDonough pioneered the first pressure-sensitive film product in a Spencer garage, breaking away from the industry's focus on high-volume commodity products. His vision was to meet the unique needs of innovators seeking new applications for pressure-sensitive films.

Today, over 65 years later, Flexcon continues this legacy, serving diverse industries such as packaging, electronics, transportation, and healthcare. Flexcon is a trusted manufacturing partner, known for turning innovative ideas into reality. For over 35 years, Flexcon has been supplying the healthcare industry with adhesives, tapes, films, and coating technologies. Our products support applications in patient care, pharmaceuticals, diagnostics, and consumer wellness.



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