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# General Silicones Joining Plastic-Free Vegan Leather Manufactures

## *A Plastic-Free Vegan Leather Supplier From Taiwan*

***Hsinchu, Taiwan, April 20, 2021 -*** Taiwanese silicone product manufacturer General Silicones (GS) shares it is joining the ranks of suppliers of eco-friendly, plastic-free vegan leather products. Global demand for vegan leather products is steadily on the rise.  
  
Vegan leather means for GS to be part of the manufacturing evolution to change to processes that do not use resources in harmful ways, or hurt animals, or produce pollution that affects our next generations. As a manufacturer, GS is pleased to provide its partners and clients a means to create products that do not need to rely on animal cruelty and offer a greener alternative.

### What Is Vegan Leather From GS Made Of?

Traditional faux-leather materials are made of petroleum derivatives such as PVC and others. They carry all the problems plastics have. As a silicone producer with over five decades of experience, GS has the know-how and expertise to fulfill the demand for quality vegan leather raw material for companies developing vegan silicone leather-based products in various sectors.  
  
Vegan leather from GS is made of silicone rubber. The raw material for silicone rubber is derived from natural silica, the constituent of sand. Various studies have shown silicone is non-toxic, durable, and harmless to the environment. Over their lifecycle, silicone products reduce more carbon dioxide emissions than created during the manufacturing process.   
  
At GS, all coloring additives for the vegan leather production are created in masterbatches tested by SGS to pass FDA / RoHS / REACH requirements to be environmentally friendly.

### Vegan Leather Manufacturing Process

GS manufactures its [vegan leather products](https://www.compo-sil.com/modules/news/article.php?storyid=44) to the highest environmental standards. The entire manufacturing process of GS follows green manufacturing procedures and regulations. The company is ISO 14001 certified. No harmful chemicals or solvents are used or released during the creation and production process, giving silicone rubber-based vegan leather an environmentally friendly manufacturing footprint.  
  
GS provides clients vegan leather with its patented ***Compo-SiL®*** technology. The technology allows shipping vegan leather in rolls that are easy to ship and store. Manufacturers of textile products and other products using roll-to-roll manufacturing processes can easily integrate ***Compo-SiL®*** vegan leather raw material into their production line using standard adhesives. No modification of the production line is needed to quickly incorporate vegan leather made by GS into existing mass production processes. Vegan leather from GS is unique in providing an easily scalable solution to support the fast-growing demand for sustainable vegan leather solutions.

### A Vegan Leather With Unique Advantages

Silicone-based vegan leather is manufactured to mimic the touch, feel, and look of natural leather products with silicone rubber's added benefits. Vegan leather made from silicone has unique advantages that other materials can't provide. Silicone rubber is resistant to cold and heat, chemicals, and solvents.   
  
GS vegan leather is highly durable and wearable to several types of fabric. It replaces plastic products as an environmentally friendly alternative with properties that guarantee a much longer product lifetime. At the same time, it has the properties excellent product characteristics of maintenance-free, weather resistance, skin-friendly, waterproof, etc.   
  
With over 50 years of manufacturing experience of silicone products, General Silicones can customize vegan leather to the customer's specifications. Embossment, colors, and thickness (0.1-0.4mm) can be modified to match the planned use's requirements.

### *Compo-SiL®*, A Brand For Sustainable Living

Compared with other vegan leathers, ***Compo-SiL®*** is more [sustainable and eco-friendly](https://www.compo-sil.com/modules/news/article.php?storyid=77&utm_source=Global_PR&utm_medium=PR_link&utm_campaign=0414%20_Sustainable_Vegan_Leather). Many vegan leather products still contain high percentages of plastic additives. With no appropriate collection and recycling set-up for those new products, they will end in landfills. The decomposition of the organic material added to the leather will create methane gas, a global warming agent by a multitude more potent than CO2. Then the plastic additives disintegrate into undesirable microplastic. In contrast, the silicone material of ***Compo-SiL®*** vegan leather, even when disposed of in landfills, will not produce any harmful materials when degrading.   
  
Many developed nations moved into incinerating their waste. Unlike products containing plastic material, silicone-based vegan leather decomposes under combustion into silica dust and CO2. The burning process occurs without the danger of interacting with other waste material to create toxic fumes and toxic remains.

### Practicing The GS Mission Statement

GS mission is to "help improve our life quality and leave the next generation a pollution-free environment". From industrial and scientific research, it has already been shown that the production process of silicone and it’s diverse applications and products have always a low impact on the environment. The benefits it adds to final products, including improved durability and a longer lifespan, effectively reduce waste and environmental harm. For more than 50 years, GS has been focusing on promoting the application of silicone materials and contributing to achieving a zero-waste lifestyle.  
  
Sourcing managers and manufacturers wanting to know more about vegan leather products can contact the sales team of General Silicones at [compo-sil@gsweb.com.tw](mailto:compo-sil@gsweb.com.tw) for more information or visit [www.compo-sil.com](http://www.compo-sil.com/).

### About General Silicones

General Silicones (GS) was founded in 1970 in Taipei, Taiwan, and is now represented worldwide – including Europe, China, Japan, and South-East Asian countries. GS is a major distributor of silicone materials and an active silicone products manufacturer with ISO 9001, IATF 16949, and ISO 14001 certifications. The company has manufacturing plants in Hsinchu, Taiwan; Wujiang, China; and Bac Giang, Vietnam. With decades of experience in this field, GS has the ability and capacity to provide a wide range of silicone products for many industries, including medical, automobile, consumer products, electronics, and IT. GS listed on Taiwan's Emerging Stock Market in 2011 (TPEx: 4730). For more information about GS, please visit [www.generalsilicones.com](http://www.generalsilicones.com#utm_source=Global_PR&utm_medium=PR_link&utm_campaign=FLEX%202021). For more information on ***Compo-SiL®***, please visit [www.compo-sil.com](http://www.compo-sil.com/#utm_source=Global_PR&utm_medium=PR_link&utm_campaign=FLEX%202021)