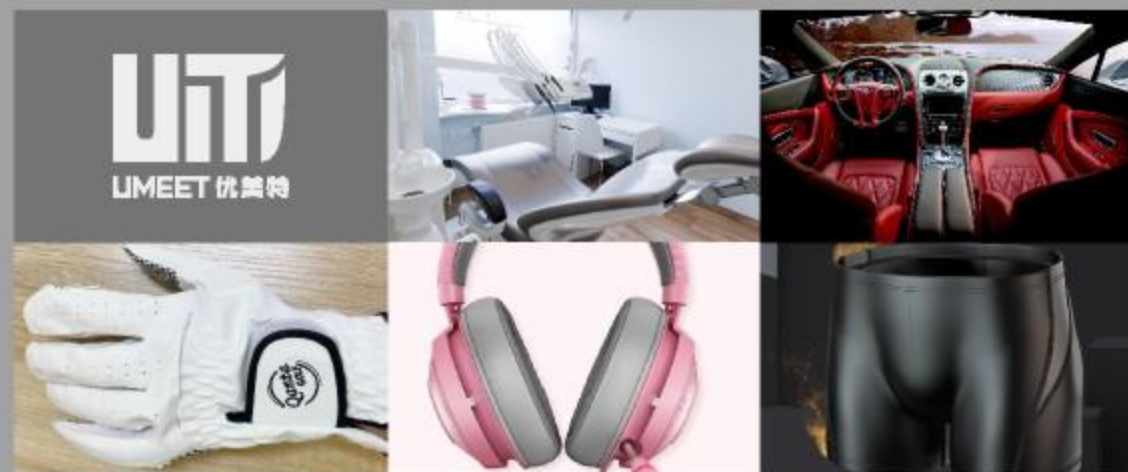


UMEET



Leader of the health&safety silicone leather
Professional with superior quality



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GUANGDONG · DONGGUAN



Company Intorduction

According to the statistics of PETA, more than one billion animals die in the leather industry every year. There is serious pollution and damage to the environment in the leather goods industry. Numbers of international brands abandoned animal skins to promote green consumption, while consumers' love for leather products cannot be ignored. We hope to develop a product that can replace animal leather, reduce pollution and not kill animals, as well as people enjoy a high-quality,durable and eco-friendly leather products continuously.

The founders and his partners in UMEET have devoted themselves to the research of Silicone and eco raw materials for more than 20 years. With continuous research and trial,they have developed a new type of organic silicone leather use baby' s pacifier material, liquid silicone coating on different base fabrics,without any chemical substance added and post-processing. The surface tender than natural leather with various colors and textures,it is a high health safty leather easy to clean, weather resistant, abrasion resistant,chemical resistance , breathable, anti-allergic, flame resistance etc.Silicone Leather is much suitable for high demand leather application industries such as Yachts,Cruiser ships outdoor furniture, electronica products, medical equipment, leather wearing and bags. The products can be customized according to the needs of customers, with fabric base, textures, thicknesses and colors. Our engineers provide sample analysis, which can quickly match customer needs and 100% match sample to meet the customized of different customers.

Advantages



Low temperature resistance

Leather maintain the original softness in the harsh climate of -40°C



High temperature resistance

Not deformation, shrink, or burn at high temperatures of +200°C



Waterproof and anti-fouling

pen stains juice,sauce oil easy to clean



Anti-aging

colorfastness stable no fading, no deformation, no peeling.



UV resistance

UV resistance fusion of excellent weather and light resistance



Wear-resistant

tender&smooth feel leather, good scratch and abrasion resistance



Anti-flaming

Silicone has strong flame-resistant properties, easily reaching the VO grade testing



ECO-friendly

baby nipple material non-toxic no smell and anti-allergic



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APPLICATION AREA

Marine & Cruisers

Silicone basic characteristics stain resistance, salty tolerance, chemical resistance, weather resistance, waterproof, durable, safe and nontoxic, it can be used as an outdoor window sealant for up to 30 years. Many skyscrapers around the world rely on silicone sealants for superior temperature resistance and strength. Performance is maintained within the $-40^{\circ} \sim 200^{\circ}$ Centigrade temperature range in long-term use. UMEET Silicone Leather maintained all the advantages of silicone as well as with stable quality and excellent technology is the best leather material for Yacht and Cruiser ships, it won't change color and change performance after use for a very long time, quality gurateen at least 5 years.





APPLICATION AREA

Commercial Market

Raw material of Silicone Leather is same as baby' s pacifier,a highly health&safety material . A silicone made Chair,Sofa and soft wall with tenderness hand feel, outstanding scratch resistance, easy to clean,hydrolysis resistance,has been endorsed unanimously by European and American Market,including the Hospital,Hotel,Concert Hall,Resturant,and other high end public place.



APPLICATION AREA

Outdoor Furniture

UMEET Silicone Leather as a new-technical product,it' s a new revolution for leather Industry,with made up the shortages of traditional natural leather, PU,PVC. When Silicone leather be used on outdoor furnitures,the performance of good colorfastness in UV light,waterproof,weather resistance,easy to clean, edure harsh weather conditions, help to improve the service life of outdoor furniture at least 5-10 years or more.





APPLICATION AREA

Baby&Kids

UMEET Silicone leather fabrics widely used in baby kids industry for the toys and furnitures, we have been recognized by some international brands. Silicone is our raw material and also the material for baby pacifiers. This coincides with our positioning in the children's industry, as silicone leather materials friendly to baby, hydrolysis-resistant, anti-fouling, anti-allergic, odorless, and wear-resistant, the pen marks also can be remove easily, fully meet the sensitive requirements of children's items.



APPLICATION AREA

Electronica Products

UMEET Silicone Leather is made of fabric coating with liquid silicone, these fabrics have outstanding tender hand feel, superior scratch resistance, easy to clean properties, hydrolysis resistance, among other notable properties, it can be 0.04mm thickness as minimum soft&flexible better for sewing. Its been widely use on electronic products such as earphones, mobile phone case, lpad case watch strap etc.

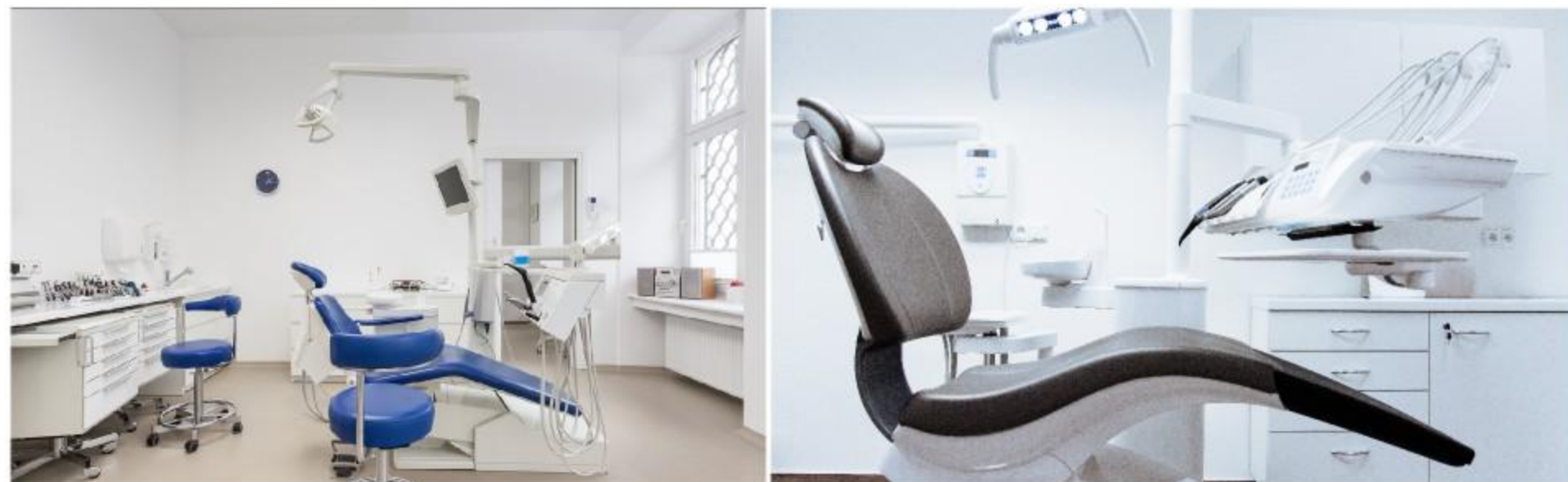




APPLICATION AREA

Medical Equipment

Hospital as a public place, numbers of people touch the equipment makes it easy to breed bacterium, leather part should be scrubbing by disinfectant and exposed under UV light. Use Silicone leather to make the medical bed, hospital seats, nursing room plat table, decoration of patient ward and other equipments, it can be very easy to clean, anti-mildew fungi-proofing, not fading for long time use, Anti-corrosion of potion disinfectant.



APPLICATION AREA

Sports Wear

Silicone leather can be made into personal wearable items with different types of base fabrics and thickness, high and low temperature resistance, eco-friendly and sustainable, extraordinary breathability, waterproof, anti-allergic, can be used for the sports gloves, swimming cap and swimwears. Few customers made diving suits with silicone compounded fabric, as it keeps warming in deep sea, won't be cracking and corrosion with strong quality stable after 3-5 years wearing.





APPLICATION AREA

Leather Bag, Suitcase, Clothing

Major luxury brands begun to abandon animal skins and advocate green consumption since 2017 to protect animal and environment, Silicone Leather as an environmental protection leather meet this point perfectly. We use suede, super fiber or other hard feeling cloth as the base fabric to create leather, with same thickness and touch feel as animal skin, with silicone basic characteristics anti-fouling and hydrolysis resistance, Durable, high flame-retardant performance, outstanding abrasion resistance, the bags and cloth favorite by consumers.



APPLICATION AREA

High-end Car Seat

A moving car with a close space, the unpleasant smell of traditional leather threatens people's health. Our Silicone Leather is made with a proprietary 100% silicone recipe and construction, no toxic no smell and breathable, it can be used on car dashboard, car seats, door hands and interior decorations. In addition, Silicone leather fabric stain resistant, skin-friendly wearproof, it help to improve the value of a car, exactly meet the eco-friendly requirements of high-end customers





Comparison of silicone leather and other leather-1

Item	Silicone Leather	Nature Leather	PVC	PU	Microfiber
Raw material	Silicon coating + fabric	*Pigskin, cowhide, Lambskin, etc.*	PVC resin, fabric.	PU resin, fabric	PU resin, fabric
Touch feel	Excellent	Excellent	Bad	Medium	Excellent
Elasticity	Excellent	Excellent	Bad	Bad	Good
Color, Pattern, Thickness	Good	Medium	Medium	Good	Medium
Production Process	Dry process	Tanning and nitration	Dry process	Wet and dry process	Microfiber weaving, Wet reduction, dry process
Service life	5-10years	5-10years	2-5years	2-5years	2-10years
Price	14-23USD/m ²	15-50USD/m ²	1-3USD/m ²	1.5-5USD/m ²	8-16USD/m ²

Comparison of silicone leather and other leather-2

Item	Silicone Leather	Nature Leather	PVC	Microfiber
Raw Materials ECO	No pollution	The pollution of ingredients is serious	Some pollution	Medium
Production Pollution	No pollution	Larger	Medium	Benzene reduction process is polluted
Product Safety	Safe	Medium	Some harm	Degradable
Product ECO-Friendly	Recyclable	Degradable	Hard to degrade	Degradable
Waste disposal	Medium	Difficult	Difficult	Medium
Energy consumption Analysis	Very Low	Medium	Medium	Very high

Comparison of silicone leather and other leather-3

Item	Silicone Leather	Nature Leather	pvc	PU	Microfiber
Breathability	Excellent	Good	Bad	Medium	Good
Fire Resistance	Excellent	Good	Good	Bad	Medium
Solvent/chemical resistance	Excellent	Bad	Good	Medium	Medium
Acid resistant	Excellent	Bad	Good	Medium	Good
Alkali resistance	Excellent	Bad	Good	Medium	Good
Hydrolysis resistance	Excellent	Medium	Good	Medium	Good
Durability	Excellent	Good	Medium	Bad	Good
Color fastness	Excellent	Bad	Medium	Better than PVC	Medium
Antibacterial and mildew resistance	Excellent	Bad	Medium	Medium	Medium

Comparison of silicone leather and other leather-4

Item	Silicone Leather	Nature Leather	pvc	PU	Microfiber
Normal Fixture	Excellent	Good	Bad	Medium	Medium
Low temperature Fixture	Excellent	Medium	Bad	Medium	Good
Tear intensity	Excellent	Good	Medium	Medium	Medium
Peel intensity	Excellent	Excellent	Medium	Medium	Good
break intensity	Excellent	Good	Medium	Medium	Medium
Stitch intensity	Excellent	Excellent	Bad	Medium	Good
High temperature resistance	Excellent	Good	Medium	Good	Good
Abrasion resistance	Excellent	Medium	Good	Medium	Medium
Anti-Wrinkle	Excellent	Good	Bad	Medium	Medium
Quality uniform	Excellent	Bad	Medium	Excellent	Medium
Tailorability	Excellent	Bad	Excellent	Excellent	Excellent
Post Processing	Easy	Bad	Easy	Easy	Easy

Silicone Leather Specifications

1. Leather unit sell by Meter

2. Width: 1370mm + 100mm fabric margin

3. MOQ: 200M/color/pattern

4. Leather Thickness = fabric thickness + coating thickness

0.4mm leather = 0.25mm Silicone ± 0.02mm + fabric 0.2mm ± 0.05mm

0.6mm leather = 0.25mm Silicone ± 0.02mm + fabric 0.4mm ± 0.05mm

0.8mm leather = 0.25mm Silicone ± 0.02mm + fabric 0.6mm ± 0.05mm

1.0mm leather = 0.25mm Silicone ± 0.02mm + fabric 0.8mm ± 0.05mm

1.2mm leather = 0.25mm Silicone ± 0.02mm + fabric 1.0mm ± 0.05mm

5. Base Fabrics: Micro Fabric, Cotton, Lycra, Pique, micro suede, stretchy fabric, Knitted fabric, Non-woven fabric, flannelette, PET, PC, TPU, PI FILM 3M adhesive tape etc...

6. Pattern: Lichi Grain, Plain grain, Lambskin Grain, Pigskin Grain, Pin Grain, Crocodile Grain, Giant Pebble, Hami melon Grain, Bark Grain etc

7. Color: PMS color or follow sample color.