

# Hantouch USA

Touch Screens are Available with  
Optional Front Gaskets.

A high-density polyurethane front gasket can help keep dust and moisture out of your device and reduce shock.

A gasket can also aid in the manufacturing process, helping compensate for irregularities in the front bezel. Mechanical stress is reduced with a proper gasket.

We at **HantouchUSA** can factory-install gaskets on any of our touch screens at minimal cost. The touchscreen will arrive with gasket attached.

Property	PSR-10	PSR-20	Test Method
Thickness	1 mm ± 3%	2 mm ± 3%	Gauge
Color	Black	Black	
Density	0.41 g/cm <sup>3</sup> ± 10%	0.34 g/cm <sup>3</sup> ± 10%	ASTM 3574
Compression Set	< 2%	< 2%	ASTM 3574
25% Compression Force Deflection	0.17 kg/cm <sup>2</sup> ± 10%	0.13 kg/cm <sup>2</sup> ± 10%	
Tear Strength	12 kg/cm ± 10%	12 kg/cm ± 10%	ASTM D624
Tensile Strength	4.1 kg/cm <sup>2</sup> ± 10%	4.1 kg/cm <sup>2</sup> ± 10%	ASTM 3574
Elongation	150% ± 20%	150% ± 20%	ASTM 3574
UV Resistance	Good	Good	ASTM G53-95
Hardness (Shore Durometer "oo")	50-55 Durometer	50-55 Durometer	ASTM D2240
Dimensional Stability	± 2 % Max. Change	± 2 % Max. Change	20 hrs. @ 60°C in 80% Moisture
Resilience	5 ± 10%	5 ± 10%	ASTM D2632-92 Ball Rebound Tester
Corrosion Resistance	Pass	Pass	AMS 3568
Ozone Resistance	Pass	Pass	GM4486P

High-density Polyurethane foam (average cell size is 100nm) laminated on a 50um PET layer.

Low energy return and slow rebound rate.

Excellent shock absorbing and vibration damping properties.

PET substrate enhances dimensional stability. Less deformation due to stress and environment.

Small, uniform cell size yields a high-density foam with low compression set, giving a longer lasting seal.

Environmentally friendly materials - No migrating plasticizer.

Additional information on the PSR material can be found at: [http://snkpolytec.com/english/product\\_2.html](http://snkpolytec.com/english/product_2.html)

To inquire about gaskets for your touch screen,  
please contact us toll-free at (866) 378-7358  
or visit us on the web at [www.hantouchUSA.com](http://www.hantouchUSA.com)