



Professional Disposable Cartridge

Protecting health and making life better through well-being solutions, and drives innovation in hand hygiene.

Hand-hygiene sanitizer dispenser system for professional institution. Hands are easily cause of cross-contamination. Together, infection control by our hands. Proper hand hygiene is one of the best ways for people to stay healthy and remain energy. Use these resources to keep health at hand all year.

Hand-hygiene sanitizer dispenser solution is a comprehensive program to help you build a more sustainable work environment through hand hygiene. With the most reliable dispensing systems, we can help enhance the lives of people and the strength of your business.

Name :	Economic Disposable Cartridge
	Professional Stand-up Disposable Cartridge
	Excellent Stand-up Disposable Cartridge
Material:	PE & Nylon by laminated or simultaneous
Capacity:	400ml / 800ml / 1000ml / 1200ml / 1500ml

Name :	Soap Nozzle, Spray Nozzle & Foam Nozzle
Material:	PP, ABS, EVA & Silicon(food grade)



Economic Disposable Cartridge



Economic Disposable Cartridge with PE film in food grade.
Sealed & disposable usage, avoid potential pollution & risk, better performance with reliable & safety.

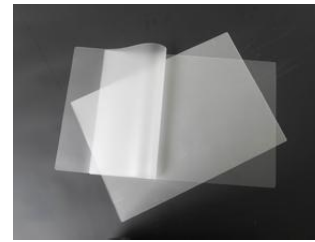
Capacity:

Small density(0.910-0.925), lower cost, light weight, flexibility, low temperature resistance.

Weakness:

- Lower ability on scratch resistance.
- Poor oxygen barrier, easy for air leakage, can not be keep on vacuum bag.
- Easy for brittle, can not be bear wear, lower capacity on ageing resistance.

Professional Stand-up Disposable Cartridge([complex material](#))



Professional Stand-up Disposable Cartridge with High-intensity PA+PE complex material in food grade, elegant appearance, pressure-resistance, corrosion & ageing resistance, excellent performance than poor material which is easy for broken and leakage. Sealed & disposable usage, avoid potential pollution & risk, better performance with reliable & safety. Extend warranty of bag.

Capacity:

- Good transparency & gloss, low haze.
- Good toughness & resistance to puncture.
- Good gas(oxygen, nitrogen, carbon dioxide), flavor & odor barrier properties.
- Good oil resistance, resistance to grease and chemical solvent.
- Ease of processing, can be coated, metal treatment, or with other substrates such as composite.
- Applies to a wide range of temperatures(-15 °C -60 °C).
- The heat is strong.

Advantage:

Inherit the advantage of Economic Disposable Cartridge, and cover the shortage of Economic ones, high scratch resistance, strong oxygen barrier and high capacity on ageing resistance.

Excellent Stand-up Disposable Cartridge(co-extrusion material)



Excellent Stand-up Disposable Cartridge with High-intensity PE & PA simultaneous material in food grade, meet FDA test standard, elegant appearance, pressure-resistance, corrosion & ageing resistance, excellent performance than poor material which is easy for broken and leakage.

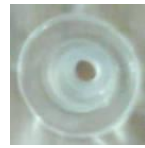
Sealed & disposable usage, avoid potential pollution & risk, better performance with reliable & safety. Extend warranty of bag.

Capacity:

- Higher stable on sanitary safety. No pollutions, green-environmental protection.
- Higher grade gas(oxygen, nitrogen, water, carbon dioxide), flavor & odor barrier properties.
- Higher grade oil resistance, damp resistance & resistance to grease & chemical solvent
- Higher grade intensity, does have layered peeling, good-flexibility, excellent capacity of heat-seal.
- Applies to a wide range of temperatures(-15 °C -60 °C).
- Decrease corrosion rate with different chemical.

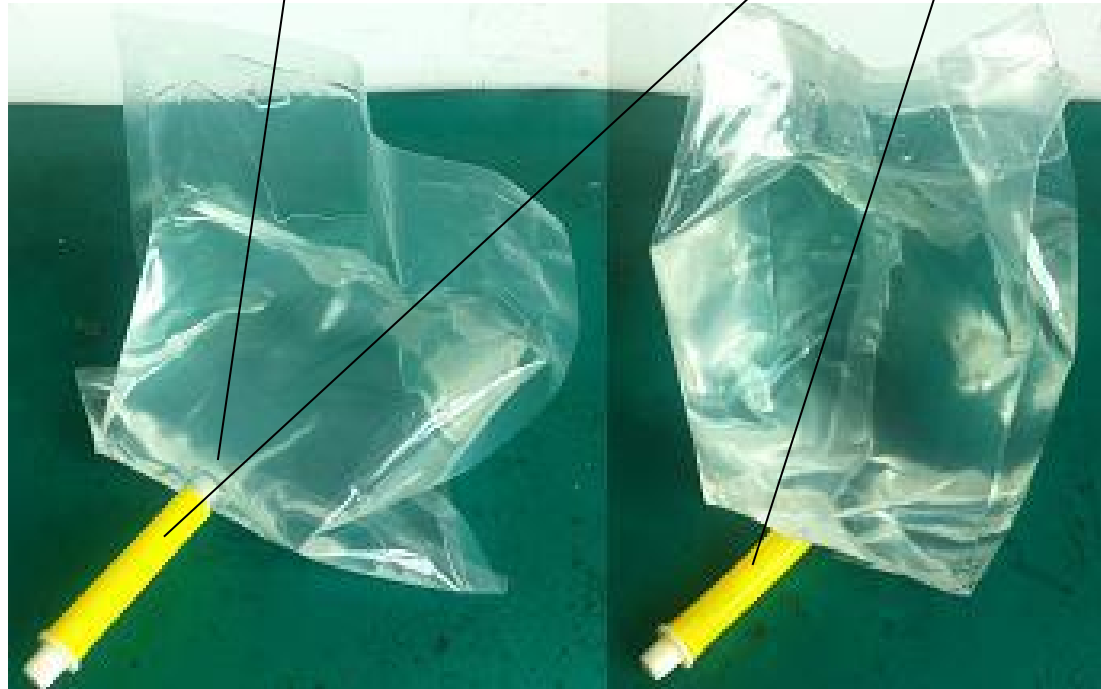
Advantage:

More better intensity, pressure-resistance, ageing, sanitary safety, usage life & etc. than Professional Stand-up Disposable Cartridge



Accept technology of high frequency heat seal.

The insert opening is made of EVA, It has good flexibility, good chemical stability, anti-aging & ozone resistance strength, non-toxic, does not absorb water.



New modularization design, multifunctional commonality 3 in 1, lower cost, lower residue, lower consumption, anti-block, anti-hanging, anti-corrosion, anti-broken & etc.

New food-grade environment material, meet FDA test standard

High safety & high stability



Leakproof, solidifyproof & pendelantproof.

Food-grade silicon, with 304 stainless steel parts, safety & hygiene. Soap, alcohol, hand sanitizer, disinfectant, detergent, antiseptic gel and liquid available.



Gel & Liquid Nozzle, soap, alcohol, hand sanitizer, disinfectant, detergent, antiseptic gel and liquid available.








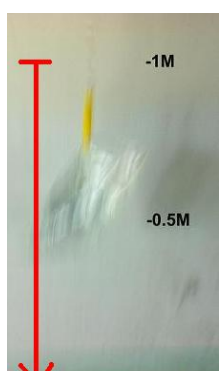
Spray Nozzle, alcohol sanitizer liquid available.

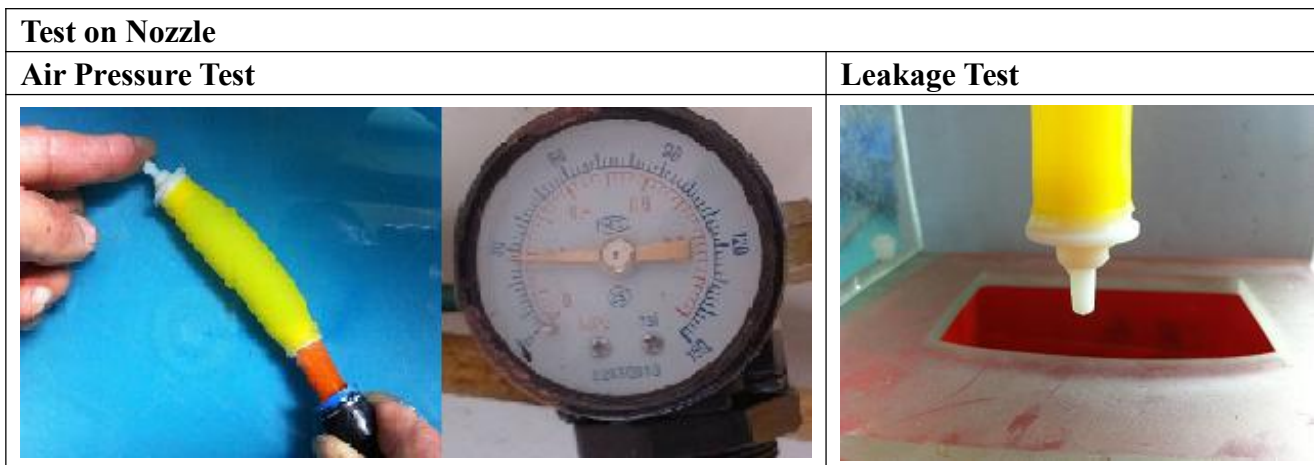


Foam Nozzle, foam soap or foam sanitizer available

Testing

Test on Inset Opening
Visual Inspection


Test on Bag			
Visual Inspection	Air Pressure Test	Water Pressure Test	Drop Test
	 		



Item	Property	Standard	Test Method
Insert Opening	Appearance	no scratch, bubble, impurity or burr	GB/T10004-2008
	Peel Strength	≥ 30 N	GB/T10004-2008
Bag	Appearance	no scratch, burning, broken, bubble, impurity or creases	GB/T10004-2008
	Air Pressure Test	≥ 0.25 MPa	GB/T10004-2008
	Water Pressure Test	under 20kgs for 72 hours(no broken or leakage)	GB/T10004-2008
	Drop Test	fall down from 1M(no broken or leakage)	GB/T10004-2008
Nozzle	Air Pressure Test	≥ 0.20 MPa	GB/T10004-2008
	Leakage Test	≥ 30 second	GB/T10004-2008

Certification

FDA Approved

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SGS

Test Report No. 2167267JL Date : May 07 2010 Page 1 of 3

KCC CORPORATION
11-4, DAEJUK-RI, DAEJAN-EUP,
SEOSAN-CITY, CHUNGNAM, KOREA

The following sample was submitted and identified on behalf of the client as SH1070U.


SGS Job No. : 3426416
SGS Ref. No. : AYAA10-13939
Sample Receiving Date : APR 22 2010
Testing Period : APR 22 - 27 2010

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary

Test Requested	Conclusion
US FDA 21 CFR 177.2600 (Rubber Articles) - Determination of Amount of Extractives	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Chan Yu Yan, Cyrus
Section Manager

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and each sample(s) was received for 28 days only.

SGS Hong Kong Ltd. 2/F & 3/F, 28/F, Manulife Square, 2 On Via Street, 26 La Yuen, Sha Tin, N.T., Hong Kong. T (852) 2354 4681-3 F (852) 2764 3128 www.sgs.com
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German Food Approved

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Test Report No. 2157506JL Date : Feb 23 2010 Page 1 of 6

KCC CORPORATION
11-4, DAEJUK-RI, DAEJAN-EUP, SEOSAN-CITY,
CHUNGNAM,
KOREA

The following sample was submitted and identified on behalf of the client as SH1070U.


SGS Job No. : 3351490
Ref. No. : AYAA10-03779
Sample Receiving Date : FEB 03 2010
Testing Period : FEB 03 - 22 2010

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary

Test Requested	Conclusion
1. German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and BfR recommendation.	--
a) Silicone - Peroxide value	PASS
b) Silicone - Volatile organic matter (VOM)	PASS
c) Silicone - Extractable components	PASS
d) Silicone - Organotin content	PASS
e) Silicone - Catalyst residue - Platinum content	--
2. German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 31.	PASS
a) Sensorial examination odour and taste test	--
3. Lead and Cadmium content	--
4. Heat Resistance to Oil	--
5. Heat Resistance to Oven	--

Signed for and on behalf of
SGS Hong Kong Ltd.

Chan Yu Yan, Cyrus
Section Manager

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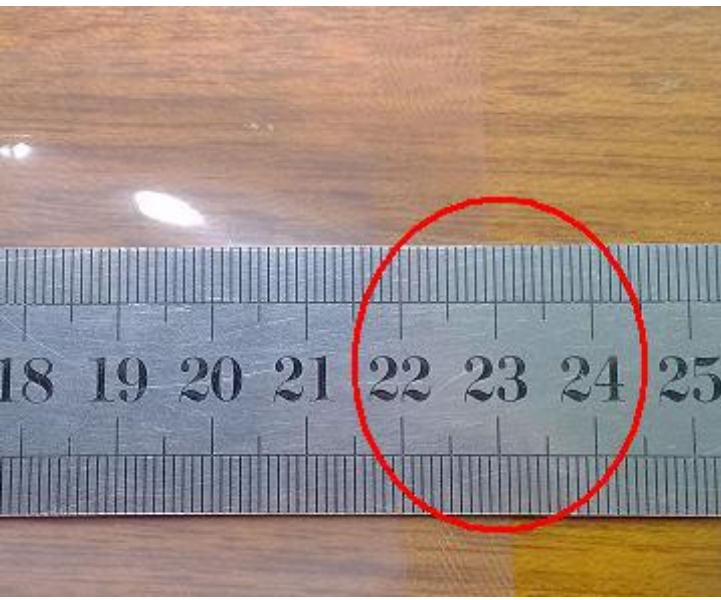


The different appearance of bag between us and other bag supplier.



Our bag

Other bag supplier

The difference of bag between us and other supplier.

Item	Our bag	Other bag supplier
Length	 <p>24cm</p>	 <p>23cm</p>
Thickness	 <p>0.228mm</p>	 <p>0.199mm</p>
Item	Our bag	Other bag supplier

The bag with lower thickness has lower capacity of under pressure!

Weight



11.62g



9.74g

Volume

Load 1000-1100ml chemical(max)

Load 800ml chemical(max)

Item

Our bag

Other bag supplier

The different appearance of Nozzle between us and other bag supplier.



Our nozzle is made of fresh material of ABS, good glossiness

Other nozzle supplier, the nozzle is made of recycled material, no glossiness

Recycle material, easy for fragmentary & ageing, the intensity & life of item would be impacted with high risk!

Our nozzle is made of fresh material of ABS,
good glossiness

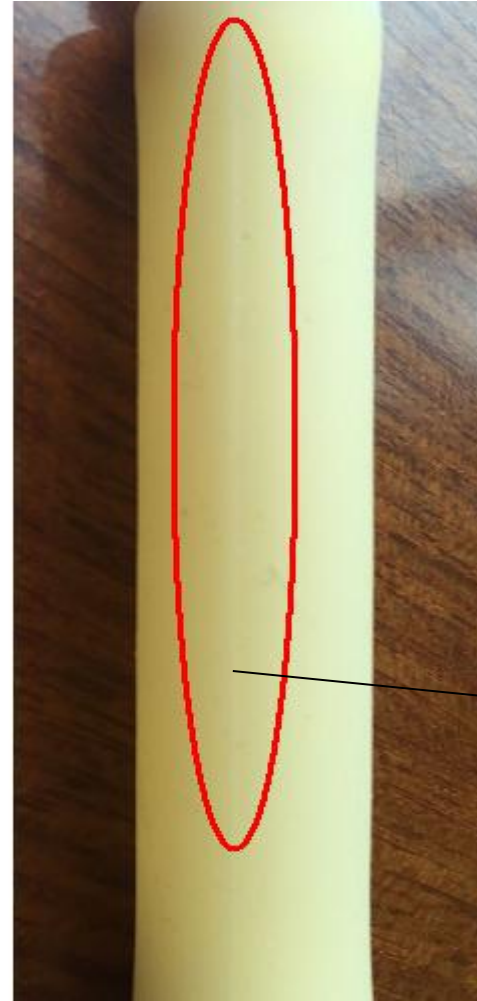
Other nozzle supplier, the nozzle is made
of recycled material, no glossiness



Recycle material, easy for fragmentary & ageing, the intensity & life of item would be impacted with high risk!



Our nozzle accepts food grade silicone rubber that does not have trace line, surface is smooth



Other nozzle supplier, the technology of nozzle has trace line that has the venture on broken in the usage.