

HANGZHOU GSPMED MEDICAL APPLIANCE CO.,LTD

Non-woven Cohesive Elastic Bandage Specification

1. Elastic nonwoven fabric technology parameters

1. Elastic nonwoven contains 5% spandex, 2.5 cm each containing 9 root fiber;
2. Standard of Non-woven fabric elasticity: 1:1.7 -1:2.2
3. Regular non-woven embryo weight standard buck: 28 g/m²
4. Easy tear non-woven embryo weight standard buck : 30g/m²

2. The component of product: non-woven fabric, spandex silk, natural latex (synthetic rubber), paper tube.

3. Product specifications:

specification	20/25mm	38/40mm	50/60mm	75mm	100mm	150mm
Width	20/25 + <u>3</u> mm	38/40 + <u>3</u> mm	50/60 + <u>3</u> mm	75+ <u>3</u> mm	100 + <u>3</u> mm	150 + <u>3</u> mm
stretched length	≥ 4500 mm					
diameter	5.7± 0.2 cm					

4. Product ingredients

Polypropylene, Polyurethane, Natural rubber, Liquid paraffin, Polyacrylate, Sodium benzoate

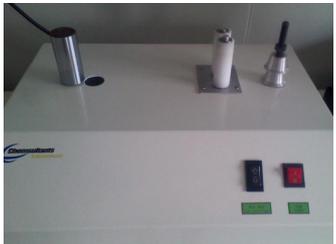
5. Product colour:

white001、skin002、red003、green004、blue005、black006、light blue007、purple008、light green009、pink010、red011、orange012、yellow013、forest green014、coffee015、olive green019、grass green020、navy blue021、teal017



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6. The physical properties of the product

Test Item	Definition	Benchmark	Experimental Method	Measuring Machine
Peeling Strength	Adhesive bandage their mutual adhesion,under prescribed conditions stripping the force necessary to separate.	0.03-0.15 KN/M	<p>a、 1 roll from the adhesive bandages,stripped out 2-3 layers, respectively,2.5 cm wide 12 cm long paragraph or two, in which a positive and a negative alignment adhesive with 2 kg roller device in the gravity down rolling back five times (one-way) 10, place good sample preparation for 3 to 5 minutes;</p> <p>b、 The sample crack openings at one end of the range of 180 degrees 2 cm, should be fixed on the two pieces of gripper movement in the opposite direction,keep the strip surface consistent with the machine direction ;</p> <p>c 、 Open the machine, under provisions of the 300 mm/min speed, continuous stripping at a constant speed;</p> <p>d、 Sample machine automatically stops after separation, at the same time generate the experimental data.</p>	
Unwinding force	Adhesive bandage placed in constant speed solution volume force testing machine, and moving at the speed of regulation, each interval of the most vigorously in the process of solution volume	$\leq 30N$	<p>a、 Take a roll of 2 inches from the viscoelastic bandage;</p> <p>b、 volume force tester, Solution turning on the power supply will taken from the viscoelastic bandage fixed on the machine in accordance with the requirements, and use the tester manual solution volume a little before make the sample to test the stability of the state;</p> <p>c 、 Open solution volume force testing machine operating system, open the tester to adjust to the specified speed after 100 cm/S, continuous solution volume at a constant speed; After the sample solution volume, test machine automatically stop, save the test data at the same time.</p>	
elongation	Stretching ratio=(stretch-the original long)/original long *100%	$\cong 70\%$	Take real effective length 20 cm long and 5 cm wide bandage fixed on the device, the bandage on 1 kg force under the condition of taking the bandage long stretch, and according to the calculated formula of stretch rate.	