

## Manufacture Information

### 1. Sequence of Manufacture

1	Incoming materials inspection
2	Shaping and trimming
3	Fixture of nosepiece
4	Welding ear loop
5	Pasting nose bridge pad
6	Assembling PP hook & adjustable earloop
7	Performance Test
8	Pressing mask marking
9	In-process inspection
10	Packaging: each one by polybag with two adjustable hook/buckle, 20 bags in one box. User information in each box package.
11	Finished product inspection
12	Storage before shipment

### 2. Quality Control Procedure

No.	Procedure	Quality Control
1	Raw material control	The 3rd party testing under EN 149 report should be submitted for the filter materials. Supplier should also submit the "Declaration of Innocuousness" of raw materials. Bulk production products will be sent to 3rd party lab to retest EN 149, from batch to batch/year to year to ensure performance. Rework the problem goods. Make sure all the goods are in good quality.
2	In house lab testing	The basic testing e.g. Penetration of filter material, breathing resistance, strength of Exhalation valve (if any) will be checked by own lab. The test method is EN 149. Reject the raw materials and products if they cannot meet the minimum requirement.
3	Mould and cut	Mould and cut as per the specification, make sure the working site is clear to avoid pollution.
4	Nosepiece set up	Set up the nosepiece and check the strength of the attachment. Adjust the procedure if any failure.
5	Seal the ear loop	The ear loop should be sealed with durability. For tensile test of the samples, each ear loop of the folding mask must conform to the requirements. No slippage or fracture shall occur when each ear loop bear the tension of 10N and 10S. And take notes.

6	Pasting nose bridge pad and assembling PP hook & adjustable earloop	Pasting nose bridge pad and assembling PP hook & adjustable earloop as required to ensure correct concealed installation position of nose bridge pad and adjusting PP hook & earloop.
7	Breath Inspiratory resistance, filtration efficiency	Check reference to EN 149, Breath resistance and filtration efficiency meet the product specification. Filtration efficiency is the most critical index of masks, once there is an unqualified situation, immediately seal this batch of goods, is strictly prohibited to send to the customer. Analyse the causes and find solutions.
8	Total inward leakage	Total inward leakage is the critical criteria for final respirator, bulk production respirator will be sent to 3rd party lab to test TIL according to EN 149 from batch to batch/year to year.
9	Appearance inspection	the basic structure, surface and parts of the product shall be inspected in detail, and all information provided by the manufacturer shall be complete.
10	Ergonomics	The QC will carry out the fitting test for the final products. Make sure the fitting is correct.
11	Packaging	check the outgoing products against the production specifications to see if the packaging method is correct. Including pp bag, color box, outer box and packing quantity is correct.
12	Identification	check whether the name, trademark, model, production date and other information is complete and correct.
13	Finished product inspection report	all inspections must be conducted according to the requirements and the finished product inspection report must be filled in. Place in the specified area.

### The Third Party Tests

Material performance and final products performance (especially the filtration efficiency, breathability, Total inward leakage) will be carried out batch to batch/year to year by an external independent ISO 17025 accredited test house (or equivalent). See Section 8: Test reports.

## Manufacturer's Instructions and Information

Please read this User Information Sheet carefully before using this product. This product complies with the requirements of EU Regulation (EU) 2016/425 for Personal Protective Equipment and meets the requirements of European standard EN 149:2001+A1:2009.

### **Check prior to use**

The respirator must be selected properly for intended application. An individual risk assessment must be evaluated. Check the respirator that it is undamaged with no visible defects. Check that the expiry date has not been reached (see the packaging). Check the protection class (FFP1 NR/ FFP2 NR/ FFP3 NR) is appropriate for the product used and its concentration. Do not use the mask if a defect is present or the expiry date has been exceeded.

### **Intend use of this PPE:**

These devices are designed to protect against both solid and liquid aerosols. And be used in industries such as Textile, abattoirs, metallurgy, construction, iron and steel industries, hospitals etc. To Protects against dusts, mists and fumes containing calcium carbonate, clay, kaolin, cellulose, cotton, flour, ferrous metals, vegetal and mineral oils, metal-working fluids.

### **This product is designed to protective against the risks:**

Risk	Standard Clause	Assessment method
Penetration of particle	EN 149:2001+A1:2009, clause 7.9.1 and 7.9.2	Total inward leakage test, Penetration of filter material

### **Application/ Limitations**

This respirator is suitable for use in protection against the non-toxic solid and liquid aerosols. Do not use out of the scope of use defined in the warnings. Failure to properly use this product may result in serious health damage or death.

**FFP1 NR:** Filter Efficiency 80%; Allocated Protection Factor (FPA) is 4; Examples of applications are Handling of stone / rubble / cellulose.






**FFP2 NR:** Filter Efficiency 94%; Allocated Protection Factor (FPA) is 10, Examples of applications are Sanding of soft wood, composite materials, rust, putty, plaster, plastics / cutting, deburring, grinding, drilling of metal.

**FFP3 NR:** Filter Efficiency 99%; Allocated Protection Factor (FPA) is 20; Examples of applications are Sanding of hard wood (beech, oak) / treatment of wood using copper, chrome or arsenic based products / impact stripping of paint / sanding of cement.

### **1 Explanation of product/package marking**

Marking	Description on label	Explanation
<b>CHhano® FFP2 NR</b> <b>ZN6005 CE 0598</b> <b>EN 149:2001+A1:2009</b>	<b>CHhano®</b>	Trade mark
	ZN6005	Type-identifying marking, style No
	EN 149:2001+A1:2009	Number of European standards
	FFP2 NR	Classification Filter Efficiency 94%, non reusable
	<b>CE 0598</b>	CE marking and notified body number

### Easy to Use/Donning and fitting

	<p>1. Hold the outside of the mask, then put the mask in your hand with the nose piece at your fingertips.</p>		<p>2. Position the mask under your chin with the nose piece up.</p>
	<p>3. The left hand to hold the mask body with the right ear loop hanging on the right ear. The right hand to hold the mask body with the left ear loop hanging on the left ear. Use adjustable earloop to adjust the length of ear loop. Please use PP hook to fit right ear loop and left ear loop together.</p>		<p>4. Place the fingertips from both hands at the top of the nose piece. Mould the nose piece to the shape of your nose.</p>
	<p>5. Cover the front of the mask with both hands, sharply exhale and inhale, if air leaks around the nose, readjust the nose clip as described in Step4, if air leaks at the mask edges, work the straps back along the side of the head to eliminate leakage.</p> <p>Repeat the procedure until the mask fits properly.</p>		