



DNA FFP2-FM 2989

Low Breathing Resistance

High Filtration

Features

| | |
|-------------------------------|--|
| Regulation | (EU) 2016 / 425 |
| Product Standard | EN 149:2001 + A1:2009 |
| Product Description | Particle Filtering Half Mask |
| Product Specifications | Foldable, Without Valve |
| Certifications | ISO 9001:2015, ISO 13485:2016, CE |
| Intended Use | This Product is designed to protect against solid and non-volatile liquid particles. |

*Our FFP2
overcomes
competitor's
FFP3*

Test Results

Penetration of filter material: Sodium Chloride Testing

| No. of Samples | Sodium Chloride Testing 95 L/min max (%) | Requirements in accordance with EN 149:2001 +A1:2009 | Result | | |
|------------------------------|---|--|--------|-----------------|--|
| 36 | 0.54 | FFP2 ≤6 % FFP3 ≤1 % | Passed | | |
| 37 | 0.45 | | | | |
| 38 | 0.65 | | | | |
| 1 | 0.58 | | | | |
| 2 | 0.49 | | | | |
| 3 | 0.52 | | | | |
| 10 | 0.49 | | | | |
| 11 | 0.48 | | | | |
| 12 | 0.46 | | | | |
| Our Product's results | | | | Standard | |

Penetration of filter material: Paraffin Oil Testing

| No. of Samples | Paraffin Oil Testing 95 L/min max (%) | Requirements in accordance with EN 149:2001 +A1:2009 | Result | | |
|------------------------------|--|--|--------|-----------------|--|
| 39 | 1.68 | FFP2 ≤6 % FFP3 ≤1 % | Passed | | |
| 40 | 1.11 | | | | |
| 41 | 1.55 | | | | |
| 4 | 1.47 | | | | |
| 5 | 1.58 | | | | |
| 6 | 1.61 | | | | |
| 13 | 1.41 | | | | |
| 14 | 1.39 | | | | |
| 15 | 1.37 | | | | |
| Our Product's results | | | | Standard | |

Inhalation Resistance

| No of Samples | Flow rate 30 L/min [mbar] | Requirements in accordance with EN 149:2001 +A1:2009 | Flow rate 95 L/min [mbar] | Requirements in accordance with EN 149:2001 +A1:2009 | Assessment of test result Conformity / Nonconformity |
|---------------|---------------------------|--|---------------------------|--|--|
| 42 | 0.45 | FFP2 ≤0.70 FFP3 ≤1.0 | 1.13 | FFP2 ≤2.40 FFP3 ≤3.00 | Passed |
| 43 | 0.47 | | 1.16 | | |
| 44 | 0.44 | | 1.19 | | |
| 7 | 0.48 | | 1.13 | | |
| 8 | 0.46 | | 1.18 | | |
| 9 | 0.47 | | 1.19 | | |
| 23 | 0.44 | | 1.18 | | |
| 24 | 0.40 | | 1.15 | | |
| 25 | 0.41 | | 1.17 | | |
| | Our Product's results | Standard | Our Product's results | Standard | |



Exhalation Resistance

| No of Samples | Flow Rate | Facing Directly | Facing Vertically Upwards | Facing Vertically Downwards | Laying on The Left Side | Laying on The Right Side | Requirements in Accordance with EN 149:2001 +A1:2009 | Assessment of Test Result Conformity / Nonconformity |
|---------------|-----------|-----------------|---------------------------|-----------------------------|-------------------------|--------------------------|--|--|
| 42 | 160l/min | 1.32 | 1.34 | 1.37 | 1.39 | 1.41 | FFP2 ≤3.00 FFP3 ≤3.00 | Passed Qualifies FFPI, FFP2, and FFP3 |
| 43 | | 1.29 | 1.31 | 1.35 | 1.37 | 1.40 | | |
| 44 | | 1.30 | 1.33 | 1.36 | 1.39 | 1.42 | | |
| 7 | | 1.28 | 1.31 | 1.34 | 1.37 | 1.39 | | |
| 8 | | 1.33 | 1.34 | 1.36 | 1.38 | 1.41 | | |
| 9 | | 1.30 | 1.33 | 1.35 | 1.39 | 1.43 | | |
| 23 | | 1.22 | 1.24 | 1.26 | 1.25 | 1.28 | | |
| 24 | | 1.20 | 1.23 | 1.25 | 1.27 | 1.29 | | |
| 25 | | 1.19 | 1.22 | 1.24 | 1.25 | 1.28 | | |

Material

DNA Masks are produced without using allergenic materials

| | | |
|----------------|-------------------------|---------|
| Outer Layer | Polypropylene Spunpond | 60gr/m2 |
| Filter Layer 1 | Polypropylene Meltblown | 20gr/m2 |
| Filter Layer 2 | Polypropylene Meltblown | 20gr/m2 |
| Inner Layer | Polypropylene Spunpond | 20gr/m2 |
| Earloop | Polyester - 10cm | |
| Nose Bridge | Aluminum - 9cm | |

PRODUCT DIMENSIONS

| | |
|----------------------------|---------------|
| • Weight | 1 pcs. 6 gram |
| • Folded Mask Dimensions: | 205 x 10 mm |
| • Elastic Band Dimensions: | 10 cm |

CE

CE Class: Cat III

PACKAGING AND STORAGE

| | |
|--------------------|---|
| Box Content | 25 pcs. Masks |
| Carton Content | 20 boxes (500 Pcs.) |
| Shelf Life | 3 Years |
| Stotage Conditions | Humidity Level: < %60 Heat Level: (-20°C) - (40°C) |

CARTON DIMENSIONS

| | |
|---------------------|-----------------|
| • Carton Weight | 4.7kg |
| • Carton Dimensions | 52 x 43 x 30 cm |

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