

## COVID-19

- A large number of infected individuals are asymptomatic.
- In order to reduce the spread of the virus by people who are unaware they are infected the WHO recommends the following measures:
  - \* Wearing face masks
  - \* Social distancing
  - \* Hand washing
  - \* Sanitization
  - \* The above should be used according to protocol outlined on 29 March 2020.
- Among the general population the virus is spread by vapors (droplet and aerosol form) and touch (contact route).
- Micro droplets can travel up to 8 meters and droplets can travel up to 2 meters.

## AIRBORNE TRANSMISSION OF CORONAVIRUS

- In an analysis of 74900 cases in China, airborne transmission was found to be of critical importance.
- Transmission was found to be through droplets with a size larger than 5um. These droplets can be generated through speech coughing and sneezing.
- The aerosol form of the virus includes particles smaller than 5um, this form is more likely to be found in a hospital environment.
- The greatest day to day risk for the general public is from particles larger than 5um.
- The evidence suggests the key to disrupting transmission is to control and entrap these droplets.

### **GREENSPAN SYSTEM SALES IRELAND LTD.**

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## HANDYMASK - OUR RE-USABLE FACE MASK

Our 3 layer face mask offers the following benefits.

- Brit D15 Filter tested by top South African University.
- Hydrophobic outer layer repels moisture.
- Hydrophilic inner layer absorbs moisture.
- Face mask and filter are fully washable.
- Replaceable Brit D15 filter.
- Face mask is reusable and pack includes enough filters for 30 days use.
- Face masks and replacement filters available in bulk.
- Locally manufactured using top quality materials.
- Samples available.
- Produced in accordance with recommended guidelines provided by the National Institute for Communicable Diseases.

### BRIT D15 FILTER

<b>Filter Specifications</b>				
	Description	Method	Specification	Test Results
1	Composition	Chemical Analysis	Polypropylene 38 - 42%	Polypropylene 39%
		Chemical Analysis	Polyester 48 - 52%	Polyester 50%
		Chemical Analysis	PAA 9 -11 %	PAA 11%
2	Construction	Physical Analysis	3 Layer sandwich	3 Layer Sandwich
3	Mass per unit area	SANS 79	100GR/M <sup>2</sup> +5%	103GR/M <sup>2</sup>
4	Breathability	SANS 6163	>4500grms/m <sup>2</sup>	5631grms/m <sup>2</sup>
5	Airflow	ASTM D737	700-800cfm	740cfm
6	Thickness	SANS 85	3,0 -4,9mm	3.8mm
7	Moisture Particle Entrapment	ISO 14644-1	0,5u – ISO 8 level	Complies
		ISO 14644-2	0,5u – ISO 8 level	Complies
		ISO 14644-3	0,5u – ISO 8 level	Complies

**The mask and filter has been tested by a reputable University.**

**Filter Instructions:**

Re-usable 5-6 times and sterilised by soaking in boiling water for 5 minutes. Do not rub or wring the filter as it may damage the delicate fibres.

**Cloth Mask Instructions:**

Sterilisation in boiling water recommended. Can be Washed in 30-40 degrees. Machine or Hand Washable.



### **WHY USE REUSABLE FACE MASKS?**

- Our product is a general use populous mask offering a high level of protection.
- It is recommended that healthy individuals wear a facemask at all times in public as well as the workplace.
- New studies indicate even asymptomatic individuals are contagious.
- Reduces the need for single use masks.
- Statistics from countries who endorse the use of masks show lower infection rates.
- As an employer it is in your best interest to protect your workforce and their families.
- A cost effective alternative.

### **CLEANING INSTUCTIONS:**

All new masks must be sanitized before use.

1. Remove mask from packaging carefully
2. Do not touch the mask, straps only
3. Place complete unit in a bowl. Pour recently boiled water over it, ensure the mask and filter are fully covered.
4. Wash hands using Covid-19 protocol
5. Wash face using Covid-19 protocol
6. Leave mask in hot water for 5 minutes
7. Rinse mask under cold running water
8. Remove filter and pat dry between 2 paper towels and leave to air-dry
9. If mask is dirty it can be hand or machine washed – ensure the filter has been removed
10. Do not squeeze, wring or hand wash the filter – the delicate structure may be damaged
11. Leave both mask and filter to air dry. Once both components are dry insert the filter into the mask. It is then ready to wear
12. Once the filter has been sterilized 5 times, discard it and insert a new filter, the filter should also be sterilized first.

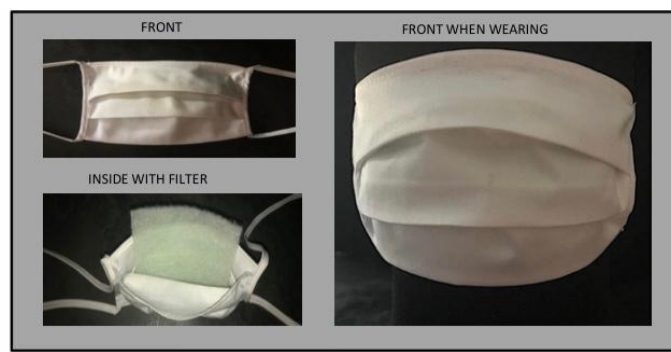
**Samples:**



**BRIT D15 Filter**



**Filter Pack**



**Mask**

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