

Application solution

Face masks - surgical TYPE II e IIR, FFP2 and FFP3

A **face mask** is intended to trap respiratory droplets that are released when the wearer talks, coughs or sneezes. It also acts as a **barrier to protect** the wearer from inhaling droplets released by others or dust or other small particles. Face masks are usually made of SMS structures with single or double meltblown layer.

RadiciGroup, thanks to its state-of-the-art technology, is able to offer **highly protective nonwovens** solutions enhancing **workers safety**, both in the **medical and industrial field**, with a focus on **comfort** as well.

RadiciGroup proves to be flexible in offering **composite filter media** as SM or SMS or SMMS: the aim is to **cooperate with its customers** to find the best solution according to their industrial process.

Radimelt® main features for this application:

- Lightweight structures for Face Masks Type II – IIR with **high filtration efficiency** (BFE > 99%) to provide a very good breathability, good comfort and great protection according to EN 14683.
- Ultra-fine fibre structures for FFP2 and FFP3 available as **single or double layer** according to EN 149.
- Available in **white, black and tailor-made colours**.



RadiciGroup. Inside your world.

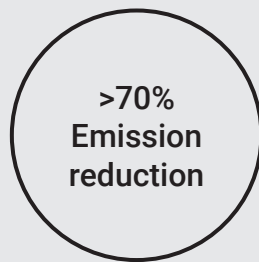
RadiciGroup is one of the world's leading producers of a wide range of chemical intermediates, polyamide polymers, high performance engineering polymers and advanced textile solutions, including nylon yarn, polyester yarn, yarn made from recovered and bio-source materials, nonwovens and personal protective equipment for the industrial and healthcare fields. These products are the result of the Group's outstanding chemical expertise and vertically integrated polyamide production chain and have been developed for use in a variety of industrial sectors, such as: automotive, electrical and electronics, household appliances, consumer and industrial goods, apparel, furnishing, construction, sports. The basis of the Group's strategy is a strong focus on innovation, quality, customer satisfaction and social and environmental sustainability.

Sustainability

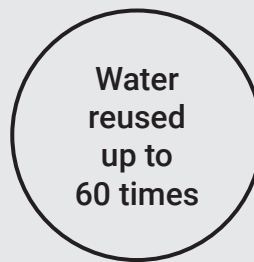
Every day at RadiciGroup, we work to make circularity our business model. We optimize the use of materials while fine-tuning our processes, eliminating waste and promoting recyclability from the earliest product design phases. We are always looking for low-impact solutions in terms of natural resources and energy. We rely on certified management systems for Quality, Health and Safety, Environment and Energy to keep our companies in line with the highest sustainability standards.



GRI, third-party certified
Sustainability Report
covering all RadiciGroup
companies worldwide.



Since 2011,
in RadiciGroup plants.



Water reused
in RadiciGroup
production plants.

Data Source: RadiciGroup Sustainability Reports



TESSITURE PIETRO RADICI SpA
Via Ugo Foscolo, 152 - IT - 24024 Gandino (BG)
Tel. +39 035 715911 - Fax +39 035 715999
www.radicigroup.com
tessitureradici@radicigroup.com

The information provided in this document corresponds to our knowledge on the subject as of the date of publication. The information may be subject to revision as new knowledge and experience become available. Data provided fall within the normal range of product properties and relate only to the specific designated material. The data may not be valid for such material if used in combination with any other material or additive, or in any process, unless otherwise expressly indicated. The data provided should not be used to establish specification limits. Such data are not intended to substitute for any testing you may need to conduct to determine the suitability of a specific material for particular purposes. Since the above-mentioned companies cannot anticipate all the variations occurring in end-use conditions, the above-mentioned companies make no warranties and assume no liability in connection with any use of the above information. Nothing in this publication is to be considered as a licence to operate under, or a recommendation to infringe, any patent rights.