



## Gurtler's New Laundry Method Transforms Normal Non-Repellent Healthcare Wear into Personal Protective Equipment (PPE)

The current healthcare crisis caused by the Covid-19 pandemic has strained the healthcare community to a point where there is a significant shortage of PPE including but not limited to face masks, isolation gowns, gloves, face shield and other. The shortage of appropriate healthcare PPE has become a major issue.

The Gurtler Experts have recently announced that their Research and Development team has developed a new patent pending laundry method utilizing **Gurtler's Pulse Shield**, non-hazardous, fluid repellent fabric finish which can transform typical healthcare scrubs and clothing into fluid repellent garments, increasing their potential use as Personal Protective Equipment (PPE).



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## Using Gurtler's Pulse Shield to Meet Shortage Demands for PPE

These healthcare textiles included:

- New 100% polyester scrubs
- In-service 100% polyester scrubs
- In-service blended cotton/polyester scrubs
- In-service blended cotton/polyester patient gowns
- In-Service 100% polyester laboratory coat



**Pulse Shield** is a fluoro-polymer emulsion that imparts a fluid repellent barrier on treated textiles. **Pulse Shield** provides excellent repellency properties for both water-based and oil-based liquids. Perfect for restoration of fluid repellency on surgical barrier garment and fabric, **Pulse Shield** is also stable to autoclaving and non-hazardous.

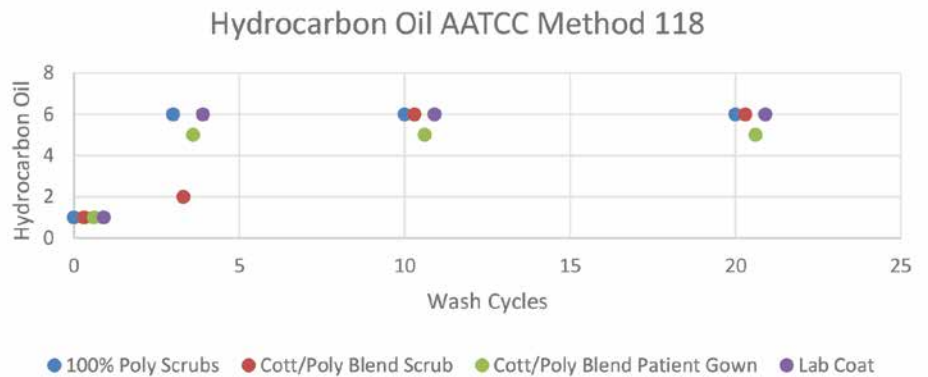
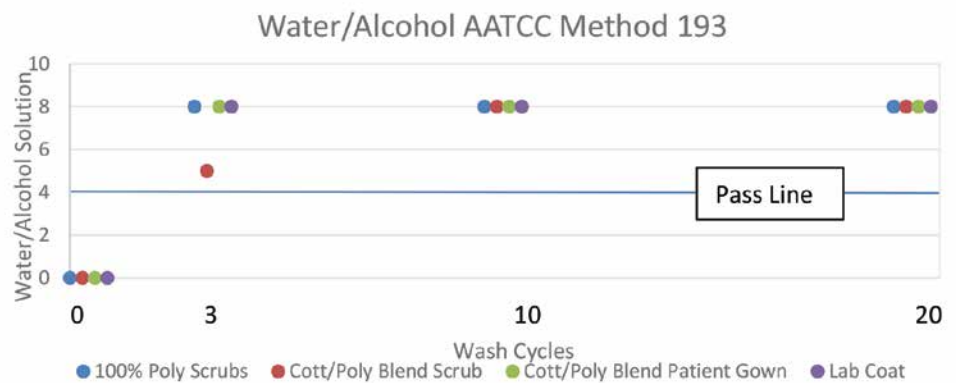
### Conclusion

Our research illustrates that normal healthcare textiles can be enhanced in their fluid repellent properties, in an effort to meet the shortages of PPE attributed to the Covid-19 pandemic.

Through the data collected, garments treated with a dosage of **Pulse Shield** at 32oz/cwt show significantly enhanced repellency, and after three washes, textiles that were previously water and oil absorbent have the ability to become water and oil repellent.



For more information call your Gurtler representative today!  
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