

UPF Clothing Testing Explained



Did you know that up to 90% of skin cancer is caused by UV radiation? As you enjoy the fresh air, it's important to protect your skin from sun damage. Keep reading to learn all about UPF clothing and its rigorous testing process.

What Is UPF?

- UPF stands for Ultraviolet Protection Factor
- It's a rating of how well a piece of clothing blocks ultraviolet radiation from the sun
- UPF ratings are broken up into Good (15-24), Very Good (25-39), and Excellent (40-50+)
- At BloqUV, all of our BloqTech garments are UPF 50+



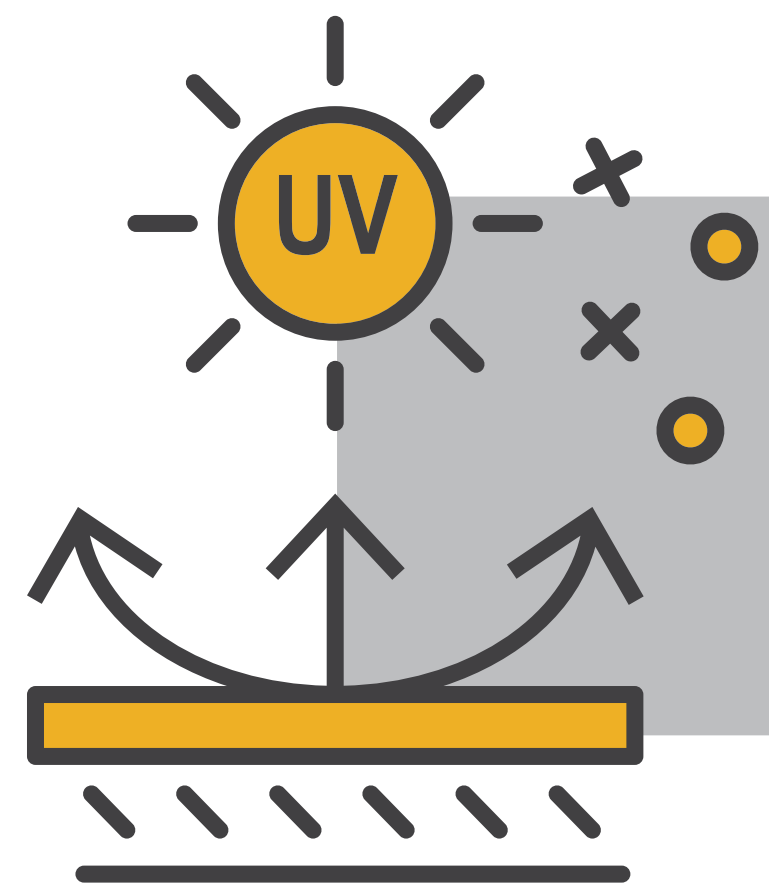
Why Is UPF Clothing Important?

- One of the main causes of skin cancer is UV radiation from the sun
- Wearing UV-protective clothing may aid in deterring skin cancer
- UPF clothing blocks UVA and UVB radiation, which both contribute to long-term skin damage
- Protecting your skin from UV rays may help dissuade wrinkles and other signs of premature aging
- When you wear sun protection outfits you only need to apply sunscreen to exposed skin
- UPF value doesn't wash out of BloqUV's clothing because we don't use dipped or sprayed-on chemicals
- UV protection is inherent in our proprietary BloqTech fabric because of its special combination of material and weave
- Our UPF clothing also works wet or dry



UPF Testing

- In order to be labeled sun-protective, UPF brands must apply for certification through a rigorous testing process
- In the U.S., this standard of testing is set by the American Association of Textile Chemists and Colorists (AATCC)
- To test UPF, an independent laboratory measures how much UV light passes through a certain fabric with an artificial light source
- The labs use either a spectrophotometer or a spectroradiometer to measure the UV rays that seep through the fabric



- The results from each sample of a particular fabric are averaged together to get the mean UPF for that fabric
- The standard error is subtracted from the mean UPF, and the resulting UPF is rounded down to the nearest multiple of five to get the final reported UPF value of a fabric
- Fabric samples are tested in new condition and after they have gone through processes that mimic everyday wear and tear

Stock Up on UPF Clothing

- If you love having fun in the great outdoors, UPF clothing is an essential part of your gear
- Even if you're just driving around in the car or out running errands, exposure to sunlight can put you at risk of long-term cumulative skin damage
- BloqUV clothing can help you protect yourself from UV radiation
- All our UPF fabrics are soft and stretchy for maximum comfort during sports or casual lounging
- Our garments provide you with UPF 50+ protection, the highest possible ranking

You can feel good wearing BloqUV sun-ready styles. Start browsing our collections today or contact us for more information!



With 9,500 people diagnosed every day, skin cancer is the most common cancer in the United States. Creating a physical barrier against the sun is the most effective form of protection, and by choosing clothing with a high UPF rating the skin is protected from harmful UVA and UVB. I like that BloqUV is comfortable and durable whether I'm relaxing at the pool, doing yoga, or on a hike!

– Dr. Sue Ellen Cox- Aesthetic Solutions- Chapel Hill NC



Sources

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