



UV Degradation and Oil Spill Control

A WORD FROM OUR TEAM

It's no coincidence that our customers ask, "Will your oil spill stuff turn to powder when exposed to UV sunlight?"

As environmental professionals, you are already aware that UV degradation is a serious factor that impacts the quality of your spill control materials.

Fully understanding these differences can help you evaluate the best product for your specific application.

Below are a few points for comparison that will help you evaluate if Spilltration® is the right tool for you.

Onward. Upward.

Troy Beaver, Partner & Director of Sales



Why Oil Spill Materials Matter Different Materials. Different Uses.

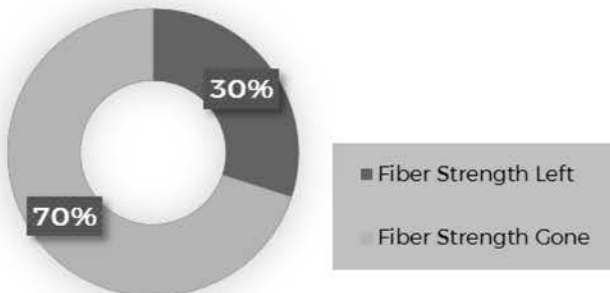
MELTBLOWN POLYPROPYLENE

Polypropylene is made from **simple chain polymers**. UV light causes the bonds holding the polymers to **break and weaken**. This makes polypropylene **less suitable for long-term, outdoor sunlight exposure**.

Used for:

- Packaging
- Food Containers
- Lab Equipment

Strength After Just 6 Days of Exposure



Source: <https://repository.lib.ncsu.edu/handle/1840.16/1092>

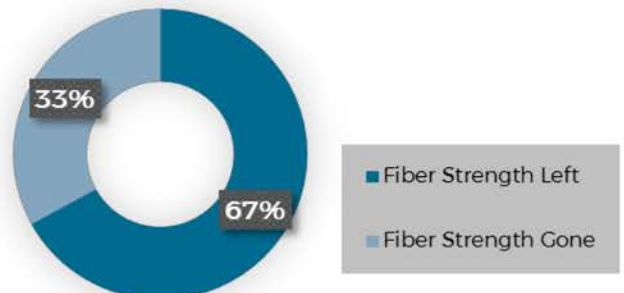


Spilltration Husky fibers are **more complex**, using more intricate properties between the two binding groups. Overall **UV resistance compared to polypropylene is therefore much greater**.

Spilltration Husky fibers are found in recycled:

- Clothing
- High-strength Ropes
- Insulation

Strength After 365 Days of Exposure



Spilltration is not for use with Acids or Caustics.

Spilltration® is manufactured exclusively by HalenHardy®

Got Questions? Call us at (814) 822-2004 or visit us on the web at www.halenhardy.com.

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