



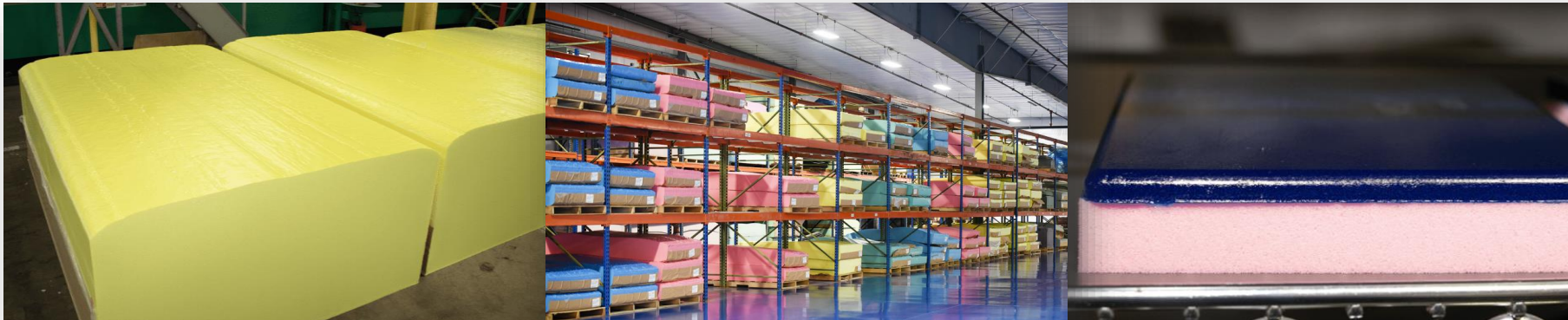
Formulators & Manufacturers of Innovative Technical Foams

Eco Spotlight: Biodegradable Foams

June 24th, 2025

Today's Learnings

- About Bergad
- Understanding the Challenges Surrounding Biodegradable Foam
- Exploring Sustainable Solutions
- Looking at Cost & Value



Presenters

Coleman Bergad

VP of Research & Development



Chris Hoffman

Customer Success

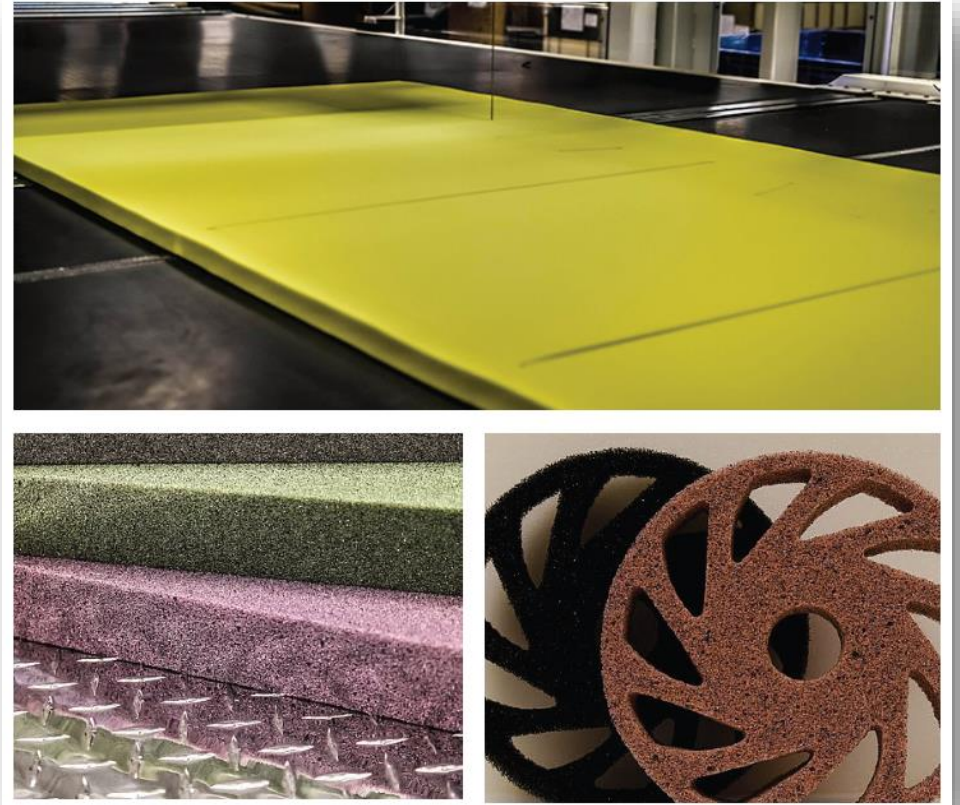


We provide **technical foam solutions** that set the standards for **innovation and functionality.**



What Drives Us:

- Technical Expertise
- Performance & Sustainability
- Customer-Focused Innovation
- Breaking Industry Norms
- ISO 9001:2015 Certified



The Bergad Combination



Got us Thinking: We Need Foam... For Everything...



However, the Challenge with Foam is Recycling...

- 10M+ Tons of PU Foam Produced Annually — Up to 20% Becomes Landfill-Bound Scrap (U.S. EPA)
- Expensive to Recycle
- Potentially Harmful to Soil & Groundwater
- Takes Hundreds of Years to Decompose



We Need Sustainable Foam

The challenge for us was to find a way to reduce the environmental impact of foams.

A “Biodegradable Foam Solution” must:

- Break down responsibly
- Match performance standards
- Be affordable

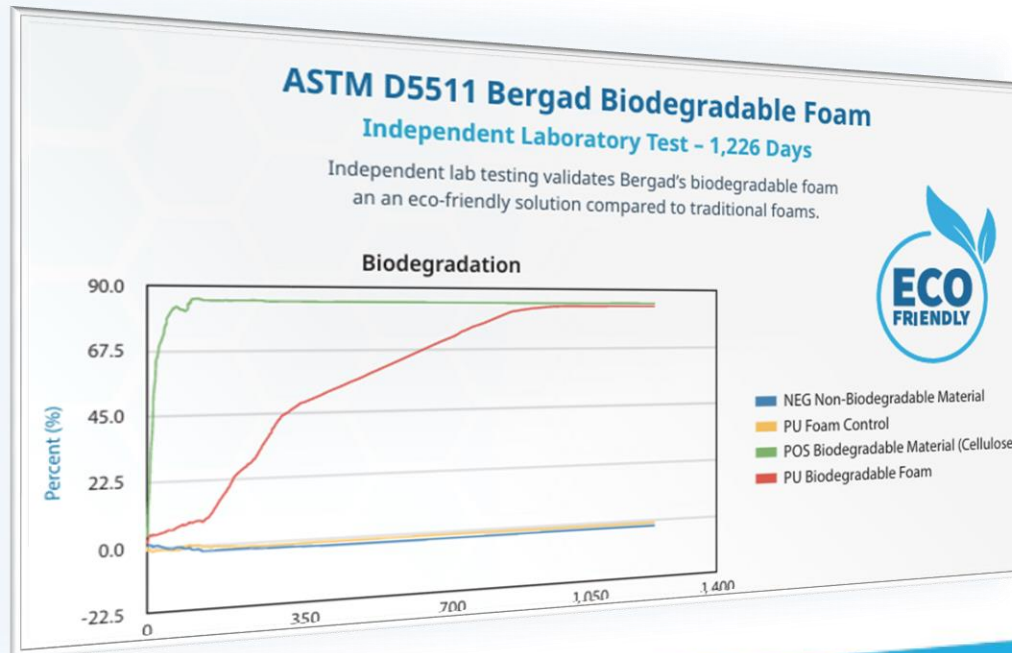
The promise:

Reduce landfill waste – *without sacrificing performance, quality or profitability!*



Our Approach

- Work with customers to develop formulas to increase the use of biodegradable foams
- Initially targeting single-use medical applications
- Independent study showed landfilled biodegradable foam degrades in less than 4 Years!



Breakthrough

After thousands of lab hours our R&D team developed a breakthrough biodegradable foam formulation:

- **ESG* Performance** scientifically engineered to reduce environmental impact
- Performs equal to current foams
- Validated by independent lab (ASTM D5511 test method)
- Biodegrades in landfills in less than 4 years

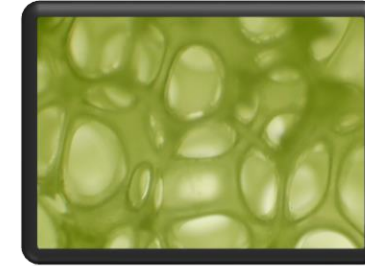


ESG*: Environmental, Social, and Governance

Seamless Conversion

6018VB foam has the same performance & appearance as of our standard 6018V foam.

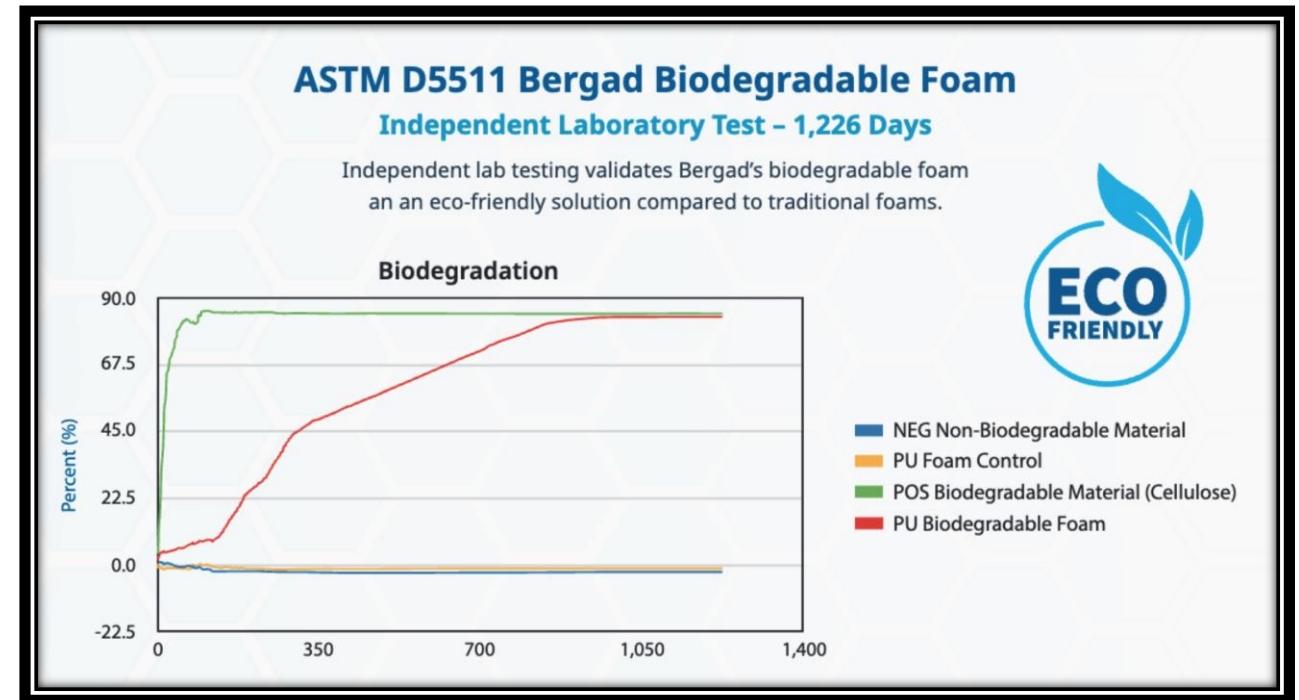
- Identical physical properties & performance characteristics
- Identical fabrication process
- Simple changeover & minimal price difference
- Spec sheet & list of proven applications available



Property	6018V NFR	6018VB NFR
Foam Type	Viscoelastic Foam	Viscoelastic Biodegradable Foam
Color	Yellow	Yellow
Density (ASTM D 3574 – A)	5.7 – 6.2 lb/ft ³	5.7 – 6.2 lb/ft ³
IFD (ASTM D 3574 – B1)	15 – 21 lbf	15 – 21 lbf
Air Flow (ASTM D 3574 – G)	> 1.0 cfm	> 1.0 cfm

Biodegradable foam isn't just a product, it's a *movement*.

- Meets growing demand for ESG* compliant materials
- Reduces landfill waste
- Protects groundwater
- Proven results
- Does not disrupt supply chains



ESG*: Environmental, Social, and Governance

Biodegradable is not Expensive. Win the Hearts of Consumers!

- Biodegradable foam costs *only a few pennies a board foot more than regular foam*. In a finished product, depending on how much foam is used as a percent of total cost is, the impact will likely be a “rounding error”.



- “Bio” and “Degradable” are trending positively in consumers minds around the world. Marketed correctly, a product leading the trend is worth a lot more than a few more pennies per product.
- Imagine your headline:
 - *My company is launching {a new pair of shoes, a new car seat, a new headset...} with biodegradable foams! Check it out: Same or better performance, low premium,... Just “cool” for the planet.*

Rewards & Risks related to ESG* Compliance

1. Rewards

- Unilever reported that its “Sustainable Living Brands” grew 69% faster than the rest of the business and delivered 75% of total growth in 2022.
- ESG* performance correlates to 10%-20% lower cost of capital (McKinsey)

2. Risks

- Consumer backlash & media scrutiny
- Key partners may drop non-compliant suppliers to protect their own ESG
- Investor flight (Environmental, Social, and Governance (ESG) is now part of valuation)

3. Environment

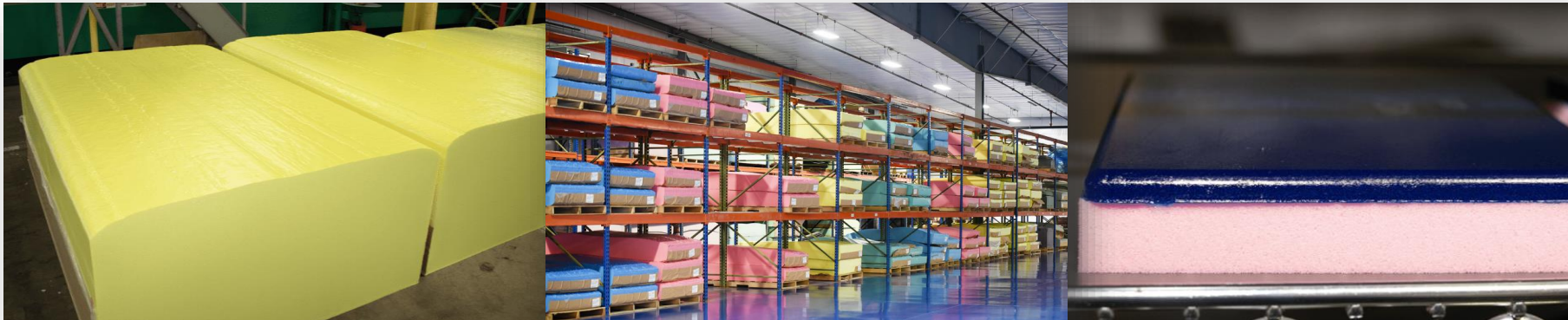
- Carbon pricing is projected to hit \$100+ per ton of CO₂ by 2030 (World Bank scenario planning).
- Governments moving toward mandatory climate disclosures



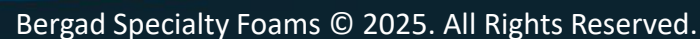
ESG*: Environmental, Social, and Governance

In Summary

- ✓ Bergad is Investing in Biodegradable Foams
- ✓ Understanding the Challenges Surrounding Biodegradable Foam
- ✓ Exploring Sustainable Solutions
- ✓ Looking at Cost & Value









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