

Environmentally Friendly Performance Driven...



ARMOR-VAC

ADVANCED POLYMER ELASTOMERS

You don't have to
sacrifice performance to
go "GREEN" - we make it
easy for you!

The products, the processes
and the technology you need to
improve productivity is here,
we can and do reduce carbon
emitting consumables, we can
and do optimize debulk &
consolidation of prepreg
preforms. We can and do
increase profits! We're your
full-service solutions partner,
and we help implement the
technologies we own & offer.

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tmi-slc.com

Offering **Innovative** Patented Reusable Vacuum Bag
Solutions For Composites Debulk, Molding & Bonding
Applications – Sustainable Natural Bio-Based Elastomers
with ENORMOUS savings...going far beyond **"GREEN"**

Guaranteed to Exceed the Essence of Sustainability...
PEOPLE, PLANET, PROFITS

REAL Savings You Can **TRUST** – WE DELIVER;
Eliminates Bottlenecks & Increases Throughput
Immediate Realized Labor Efficiency Gains > 60%
Reduce Admin & Inventory Carrying Cost
Reduce Handling & Free Up Floor Space
Reduce Legacy Nylon Film Consumables > 90%
No Traceable Contaminants As With Silicone
Eliminates Carbon Emitting Consumable Waste

We possess your **SUSTAINABLE SOLUTION...**
Let us gain your TRUST & earn your business
by proving how our Environmentally Friendly
Performance Driven Solution's increase profits.
Our proprietary materials & patented technology
creates **SUBSTANTIAL ECONOMIC VALUE**, using
nylon disposable film bags or silicone for Debulk
no longer makes economic or environmental CENT\$
- WE PROVE IT!

SUSTAINABILITY DONE RIGHT

ARMOR-VAC™ Advanced Polymer Elastomers & SPRAYOMER® Technology
<https://srcomposites.com/PATENTS.htm>

U.S. Patent # 8,916,073, U.S. Patent # 8,672,665, U.S. Patent # 10,434,690
Other U.S. & International Patents Pending - © 2024 All Rights Reserved

SPRAYOMER® Technology

Environmentally Friendly Performance Driven



Patented Bio-Based Elastomer Reusable Vacuum Bag
Technology For Composites Debulk & Molding Applications

ESG Benefits of Adoption & Use in Process:

- Reduces Carbon Emitting Material Inputs From Extractive Petrochemical Feedstocks of Typical Legacy Materials & Processes (**ENVIRONMENTAL**)
- Reduces Supply Chain Admin & Warehouse Handling (**SOCIAL**)
- Facilitates Strategic Planning to Reduce Carbon Footprint (**GOVERNANCE**)
- Reduces VOC's/HAP's In Resin Infusion Process (SOCIAL ACCOUNTABILITY)
- Reduces and or Eliminates Waste of Consumables (KEY ESG INITIATIVE)

Bagging Material	Primary Source	Recyclable	Bio-Degradable	Functional Weight #/sq ft	CO ₂ EQ 100 Cycles ¹
ARMOR-VAC™ Elastomers SPRAYOMER® Technology	Hevea Tree	Y	Y	0.2	Gold Standard
Urethane Rubber	Crude Oil	N	N	0.35	+ 50%
Silicone Rubber	Crude Oil	N	N	0.7	+ 120%
Nylon Film	Crude Oil	Y	N	0.02	+ 800%

(1) Based on a typical 100 sq ft reusable debulk bag w/FRP frame and double bulb seal configuration

