

MSA – MEHLER SUSTAIN ADHESIVE

The innovative treatment solution

- // **RF-free** | water-based without the critical substances Resorcinol and Formaldehyde
- // Based on **organic biopolymer Lignin**, extracted from renewable resources
- // Highly **sustainable**
- // Reduced **CO₂-footprint**
- // Excellent **adhesion** to a variety of yarns (e.g. polyester, polyamide, aramide, rayon, PVA) and rubber compounds (e.g. NR, SBR, NBR, CR, EPDM)
- // **Consistent product** properties like elongation, tensile strength or shrinkage
- // **No adaption** of the manufacturing process or rubber compounds of the final product needed
- // Applicable for **engineered yarns and fabrics** used as reinforcement for power transmission belts, air springs, hoses, conveyor belts, handrails, rubber tracks, brake diaphragms, ...

Take a look at our detailed MSA video!

↑ <https://youtu.be/H6PBjdGOmbs>



Developed in cooperation with: EMS-GRILTECH

MSA has proven its capabilities in extensive testing of the mechanical, chemical and thermal properties

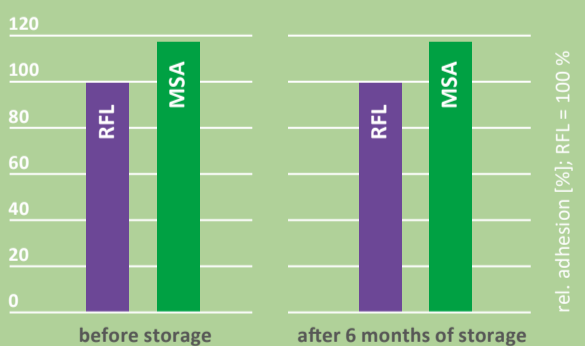


ADHESION RESULTS

RFL vs. MSA

with PES cords, dtex 1100x2x3, NR/SBR compound

STATIC ADHESION TEST WITH PEEL TEST METHOD
Comparison before and after aging



DYNAMIC ADHESION TEST

