

# HEXLITE<sup>®</sup> WS

A MATERIAL DIFFERENCE  
FOR AUTOMOTIVE WEATHERSTRIP  
SPONGE APPLICATIONS

 **HEXPOL<sup>®</sup>**



HEXLITE WS IS A PREMIUM RUBBER COMPOUND OFFERING EXCELLENT SEALING FOR THE AUTOMOTIVE WEATHERSTRIP MARKET.

## HEXLITE® WS Premium Offerings



### Customer Process

- Compression molding
- Extrusion
- Injection molding
- Transfer molding



### Additional Features

- Compression set resistance
- Low fogging
- Low odor
- Low temperature flexibility
- Migration and contact staining resistance
- Ozone resistance



### Compound Types

- Sponge



### Material Forms

- Pellets
- Strips



### HEXLITE Offerings

Designed to meet various OEM standards

SAE D1056 2A5

GR 0.5

GR 0.6



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## HEXLITE® WS Protection from the Elements

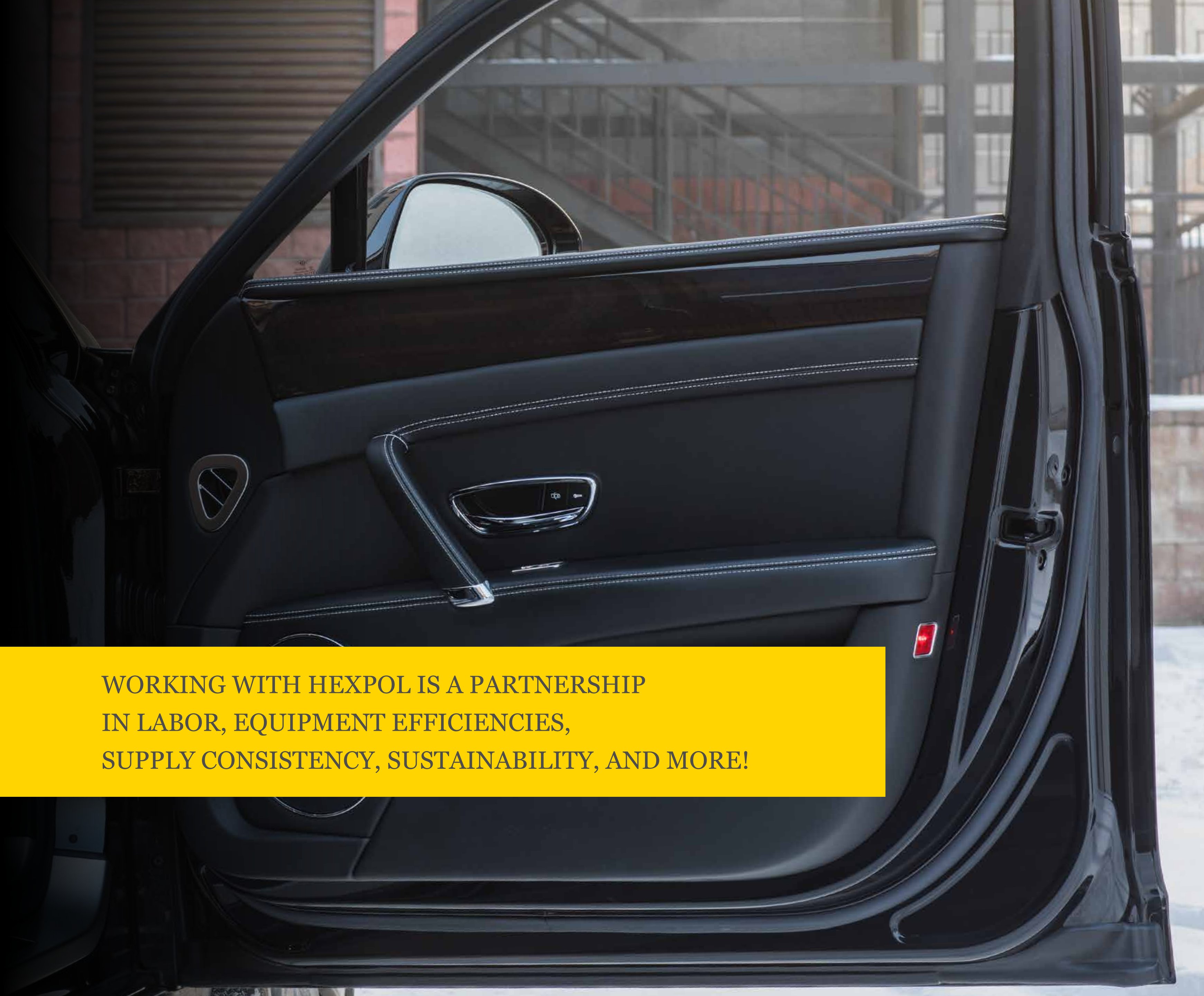
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HEXLITE WS is a premium rubber compound offering excellent sealing for the automotive sponge weatherstrip market. HEXPOL's rigorous processes result in rubber compounds that meet customer standards. Our Manufacturing Execution System ensures consistent quality from batch to batch, order to order.

### OUR MIXING FACILITIES BOAST:

- Advanced barcode scanning technology
- Comprehensive raw material traceability by lot
- Fully automated process system certified to ISO 9001:2015 & 14001:2015
- Six Sigma techniques to ensure process capabilities result in compound consistency
- A2LA accredited for your testing (ISO 17025:2017)





WORKING WITH HEXPOL IS A PARTNERSHIP  
IN LABOR, EQUIPMENT EFFICIENCIES,  
SUPPLY CONSISTENCY, SUSTAINABILITY, AND MORE!

## HEXPOL® Compounding Americas Offers

- A broad geographic presence with 10 plants in the United States & 3 plants in Mexico
- Access to global suppliers and best of the best raw materials
- In-field technical support
- Operational excellence with ISO certification
- Speed and efficiency of a local supplier

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## Leading to Proven Customer Advantages, including:

- Continuous improvement support
- Efficiency gains through economies of scale
- Higher production yields
- Improved material consistency
- Improved speed to market
- Lower scrap rates
- Reduced total cost of acquisition
- Tailored solutions
- Value Analysis / Value Engineering (VA/VE) opportunities

STANDARD	NAME	GR 0.5	SPEC	GR 0.6	SPEC
ASTM D1056-20	Compression Deflection 25%	23.5	17-25 PSI	22.5	17-25 PSI
ASTM D573-91 (2024) Heat Age 168 Hrs @ 70° C	Compression Deflection % Change	18%	+/- 30%	16%	+/-30%
ASTM D395-18 (2025) Comp Set 50% Deflection 24 Hour Relaxation 22 Hours 23° C Thickness % Change	Compression Set (%)	6%	25% (max)	5%	25% (max)
ASTM D1171-18 (2025) Method A Ozone Triangle 70 Hrs @ 40° C 50 mPa Ozone	Ozone Resistance	Pass		Pass	
Low Temperature Flex 5 Hrs @-40° C	Low Temperature Flex	Pass		Pass	
ASTM D1056	Water Absorption	2.1	5% (max)	2.4	5% (max)
ASTM D297-21	Density	0.53	0.5+/-0.05	0.62	0.6+/-0.05



# HEXLITE<sup>®</sup> WS

Our scientists and application engineers lead the way in polymer research and development. Our goal is to engineer intelligent, customized solutions that precisely match application requirements. Our technical team partners with the customer, giving in-the-field support and the expertise to create materials that transform ideas into superior products.

Our portfolio includes a comprehensive customizable range of sponge options. This brings an extensive list of properties and customization possibilities providing weatherstrip manufacturers the flexibility to select the best solution for their application.

**For more information,  
visit our website  
or contact  
Bruce Wynd  
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