

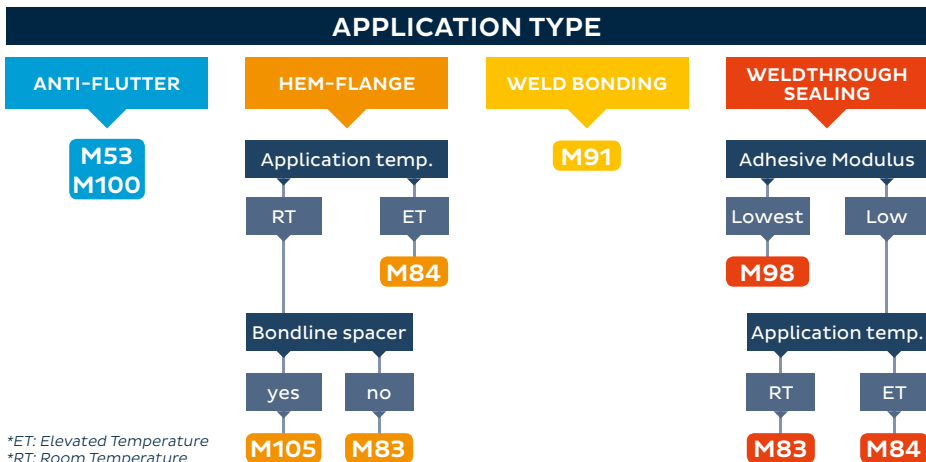


Build Best in Class Car Body

SMART SOLUTIONS FOR AUTOMOTIVE BODY-IN-WHITE



SELECTING THE RIGHT ELASTOSOL PRODUCT



AUTOMOTIVE SOLUTIONS BY BOSTIK

THE COMPANY

Bostik is a global manufacturer of specialist adhesives for the industrial, construction and consumer markets. For more than 125 years, Bostik has developed innovative bonding and sealing solutions which have shaped our everyday lives. Bostik smart adhesives are widely used across the world in many market applications.

AUTOMOTIVE ADHESIVES

Bostik designs fast, efficient and trusted assembly solutions used by global automotive OEM's for both original assembly and aftermarket applications through their repair networks.

Our automotive range includes adhesives for body in white applications and solutions for direct glazing of windscreens, interior and exterior component assembly, seating manufacturing and aftermarket applications.

Our goal is to create and repair lighter, quieter and stronger vehicles through correct product selection and the optimisation of manufacturer-approved production and repair processes.



SOLUTIONS FOR BODY-IN-WHITE APPLICATIONS

RUBBER BASED TECHNOLOGY

Our complete range of elastosol adhesives has been specially designed for steel to steel bonding in the automotive body-in-white market. Elastosol is perfectly suited for lightweight material bonding, such as aluminium. The products are typically applied with fully robotised equipment under consistent climatic conditions to improve process quality and efficiency.



SAFE WORKING ENVIRONMENT



COMPATIBLE WITH LIGHTWEIGHT MATERIAL



BEST IN CLASS CORROSION PROTECTION



ENVIRONMENTALLY FRIENDLY

ADVANTAGES



PROCESS EFFICIENCY

- Very good wash-out resistance
- Potentially fewer weld points needed when using elastosol



HEALTH AND ENVIRONMENT

- Solvent free
- No chlorine, PVC, plasticiser or Bisphenol-A
- No toxic or corrosive fumes when welding
- Non-flammable



PRODUCT QUALITY

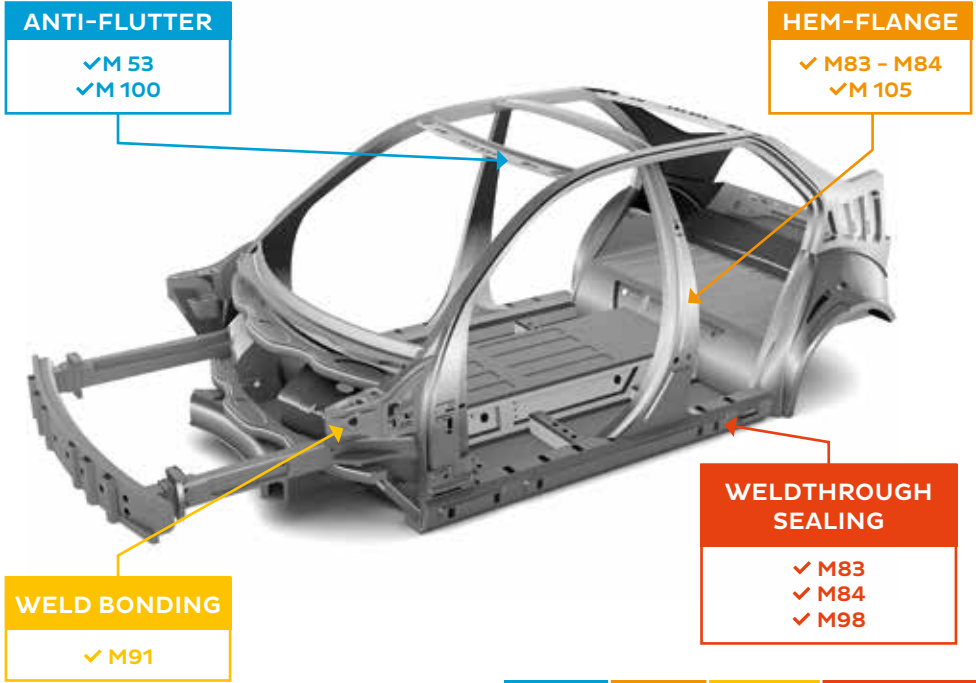
- Best in class corrosion protection
- Strong ageing performance
- Constant product quality; no air bubbles



COST EFFECTIVE

- Long shelf life
- Limited in-line equipment adjustments
- Better cost in use compared to classical structural technologies

BOSTIK ELASTOSOL BONDING SOLUTIONS



			ANTI-FLUTTER	HEM-FLANGE	WELD BONDING	WELDTROUGH SEALING
PROCESS EFFICIENCY	Very good washout resistance	✓	✓	✓	✓	
	Fewer weld points needed	N/A	N/A	✓	✓	
	Weld-through compatibility	✓	✓	✓	✓	
HEALTH & ENVIRONMENT	Solvent free	✓	✓	✓	✓	
	No toxic or corrosive fumes	✓	✓	✓	✓	
	Non-flammable	✓	✓	✓	✓	
PRODUCT QUALITY	Corrosion protection	✓	✓	✓	✓	
	Strong ageing performance	✓	✓	✓	✓	
	Consistent product quality	✓	✓	✓	✓	
COST EFFECTIVE	Long shelf life	✓	✓	✓	✓	
	Best cost in use	X	✓	✓	✓	
APPLICATION	Applied at room temperature	X	✓	X	✓	
	Warm applied	✓	✓	✓	✓	
	E- or air-swirl applied	X	✓	X	X	
	Bead applied	✓	✓	✓	✓	

ANTI-FLUTTER

Bostik elastosol adhesives are ideal for bonding hood and roof exterior sheet metal to inner reinforcement, including reinforcement frames, under-hoods, bonnets, roof beams and other parts.

Product	Technology	Colour	Packaging	Information
M53	Rubber Based	Beige	22kg pail	Good washout resistance and acoustic dampening
			270kg drum	
M100	Rubber Based	Black	27kg pail	Good washout resistance and acoustic dampening
			270kg drum	

HEM-FLANGE

Bostik elastosol adhesives can be used in hem flanges, typically for closing door, hood or trunk hems. Beneficial properties of Bostik elastosol products include excellent corrosion protection in the hem area and the choice of bead or swirl application methods.

Product	Technology	Colour	Packaging	Information
M83	Rubber Based	Black	28kg pail	Applied at room temperature
M84	Rubber Based	Black	30kg pail	High viscosity; warm-applied
			300kg drum	
M105	Rubber Based	Black	28kg pail	Glass bead spacers; Applied at room temperature
			280kg drum	

WELD BONDING

Elastosol adhesives are suitable for semi-structural bonding and all applications where high module bonding is required, such as stiffening parts of the chassis. Bostik elastosol M91 has the highest possible lap-shear performance in the rubber-based adhesive range.

Product	Technology	Colour	Packaging	Information
M91	Rubber Based	Greyish black	35kg pail	High modulus bonding (20 MPa)
			280kg drum	Best in range corrosion protection

WELDTHROUGH SEALING

Elastosol weldthrough sealers are ideal for areas where dust and fluid protection is necessary. Options range from mid- to low-module adhesives which protect steel against corrosion. The advanced bonding properties of elastosol can reduce the amount of spot-weld points on a finished part.

Product	Technology	Colour	Packaging	Information
M83	Rubber Based	Black	28kg pail	Applied at room temperature
M84	Rubber Based	Black	30kg pail	Applied warm
			300kg drum	
M98	Rubber Based	Black	27kg pail	Low module
			270kg drum	



EUROPE

Austria	France	Norway	The Netherlands
Belgium	Germany	Poland	Turkey
Denmark	Ireland	Portugal	UK
Estonia	Italy	Russia	
Finland	Latvia	Spain	
	Lithuania	Sweden	

AFRICA- MIDDLE EAST

Egypt
Morocco

AMERICAS

Argentina	Mexico
Brazil	USA
Canada	

ASIA-PACIFIC

Australia	New Zealand
China	Philippines
Hong Kong	Singapore
India	South Korea
Indonesia	Thailand
Japan	Vietnam
Malaysia	



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03.22.19
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