

inkbit

3D Printed Elastomer Applications In Automotive Manufacturing

Discover the powerful applications of TEPU 50A in the automotive manufacturing landscape. From assembly line to interior components and finishing, see how this material's exceptional properties-like compression strength, feature details, accuracy and environmental stability-make it an indispensable tool in modern automotive production.

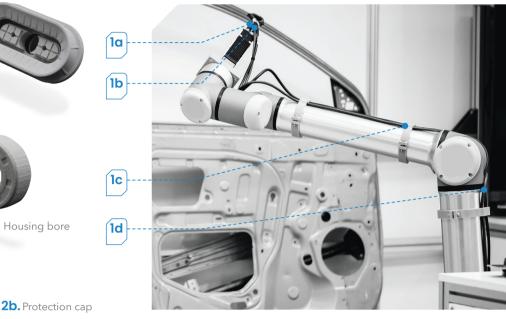


for various custom fittings and fixtures to aid in placement, packaging, and tooling.





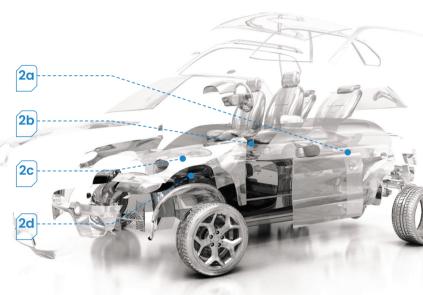




Interiors Prototype functional rubber-like components such as grommets, seals, O-rings or buttons. Protect wires from sharp edges or cover electronics from dust and liquid.







Doors Develop car door sheaths in a range of configurations. Accurately prototype door and window weather seals.







Finishing Quickly produce single or reusable custom caps to protect components during finishing, painting or final transport.







4b

4c

3c. Gasket Seal





l	TEPU 5UA at a giance	
	Elongation at Break	128%
	UTS	1.79 MPa
ſ	Shore Value	49A
ſ	Compression Set, 23°C , 72 h	7.7%
	Glass Transition Temp. DSC-Tg	-28c
ſ	Tear Strength	5 kN/m