



RIKEN AMERICAS

Automotive - Under the Hood

Materials used under the hood must withstand some of the harshest conditions including wide operating temperatures, vibration, as well as road and vehicle chemicals.

Riken Americas PVC, TPE, and TPV materials are proven to meet demanding conditions while also providing low manufacturing costs. Materials are designed for low cycle times and fast line speeds, delivering best in class conversion costs.

Riken Americas has been a trusted supplier to Japanese automotive companies for decades because of our commitment to quality and continuous improvement.

Riken Americas carries a full line of automotive compounds including sealing solutions, interior, and exterior applications. Let our highly skilled technical team assist you in selecting the correct compound for your application.

Features:

- High Weatherability
- Chemical Resistance
- Co-Extrusion / Over molding
- Ease of Processing
- Blow Molding
- Weight Reduction
- Color Retention
- Wide Temperature Range
- Recyclable

Riken Americas long automotive history has allowed us to become a trusted supplier for many automotive manufacturers including Toyota, Honda, Subaru, Nissan, and Mazda



PVC Applications:

- Power Management
- Gaskets
- Seals
- Tubing

TPE Applications:

- Air Management
- Sensor Covers
- Seals
- Boots
- Tubes & Hoses

Application	Compound	Series	Type	Duro	S.G.	Tensile Strength	100% Modulus	Ultimate Elongation	Tear Strength	Compression Set 22hr @ 70°C	MFR 230°C 2.16kg	MFR 230°C 5kg	Process
				Shore		MPa	MPa	%	N/mm	%	g/10 min	g/10 min	
Duct Air Intake	EQA9631P-US	Oleflex	TPV	89A	0.89	9.1	5.5	410	49	49	26	-	INJ
Sensor Cover	QA0190N	Oleflex	TPV	90A	0.9	11	6.8	530	57	58	26	-	INJ/EXT
Sensor Cover	LVG0405G-US	Actymer G	TPV	93A	0.95	12	9.0	460	59	50	-	14	INJ/EXT
Radiator Seal	LVG9535S-US	Actymer G	TPV	62A	0.96	6.1	3.3	380	24	25	-	5	INJ/EXT
Radiator Seal	LVG9541S-US	Actymer G	TPV	80A	0.96	9.8	4.8	420	45	38	-	12	INJ/EXT
Cover Rack & Pinion	GA-1190N-US	Actymer G	TPV	93A	0.95	12	6.8	520	66	51	-	15	INJ/EXT

IMPORTANT: These suggestions and data are based on information we believe to be reliable. They are offered in good faith without guarantee or warranty, as conditions and methods of use of our products are beyond our control. We strongly urge that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. User assumes all risks and liabilities in connection with use of this product.