

ELASTOSIL® R 401/50

Silicone
Wacker Chemie AG

Message:

- Silicone Rubber, HTV
- Spark Plugs Boots, Automotive & Transportation
- Vibration Dampers, Automotive & Transportation
- Hoses, Automotive, Automotive & Transportation
- Protective Clothing, Technical Textiles
- Exhaust-Pipe Suspensions, Automotive & Transportation
- Molded Seals, Plastics and Rubber Processing
- Membranes, Automotive & Transportation
- Molded Parts, Automotive, Plastics and Rubber Processing
- Molded Parts, Food Contact, Plastics and Rubber Processing
- Molded Parts, Technical, Plastics and Rubber Processing
- Molded parts; tap water and wastewater contact, Plastics and Rubber Processing
- Extrudates, Automotive, Plastics and Rubber Processing
- Extrudates, food contact, Plastics and Rubber Processing
- Extrudates, Technical, Plastics and Rubber Processing
- Extruded parts; tap water and wastewater contact, Plastics and Rubber Processing
- Coating of Fabrics and Textiles, Technical Textiles
- Sealant Profiles, Construction

General Information			
UL YellowCard	E75704-101818639		
Features	Food Contact Acceptable		
	General Purpose		
Uses	Automotive Applications		
	Compounding		
	Gaskets		
	Potable Water Applications		
	Profiles		
	Seals		
	Valves/Valve Parts		
	Wire & Cable Applications		
Processing Method	Calendering		
	Compression Molding		
	Extrusion		
	Press Molding		
	Profile Extrusion		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Clear/Transparent		
Density	1.15	g/cm³	ISO 1183

Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	52		DIN 53505
Tensile Strength	11.0	MPa	DIN 53504
Tensile Elongation at Break	520	%	DIN 53504
Compression Set	34	%	DIN ISO 815-B
Tear Strength	25.0	kN/m	ASTM D624B
Rebound Resilience	53	%	DIN 53512

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