

# ELASTOSIL® R 401/40

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV  
Exhaust-Pipe Suspensions, Automotive & Transportation  
Architectural Textiles, Technical Textiles  
Tents, Technical Textiles  
Coating of Fabrics and Textiles, Technical Textiles  
Vibration Dampers, Automotive & Transportation  
Molded Parts, Food Contact, Plastics and Rubber Processing  
Molded Parts, Automotive, Plastics and Rubber Processing  
Molded Seals, Plastics and Rubber Processing  
Molded Parts, Technical, Plastics and Rubber Processing  
Extrudates, Automotive, Plastics and Rubber Processing  
Extrudates, food contact, Plastics and Rubber Processing  
Extruded parts; tap water and wastewater contact, Plastics and Rubber Processing  
Molded parts; tap water and wastewater contact, Plastics and Rubber Processing  
Extrudates, Technical, Plastics and Rubber Processing  
Membranes, Automotive & Transportation  
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	1.12	g/cm³	ISO 1183

Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	42		DIN 53505
Tensile Strength	10.0	MPa	DIN 53504
Tensile Elongation at Break	580	%	DIN 53504
Compression Set	36	%	DIN ISO 815-B
Tear Strength	23.0	kN/m	ASTM D624B
Rebound Resilience	53	%	DIN 53512

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

