

SEYBERT CASTINGS INC

TECHNICAL DATA

HIGH HEAT RESISTANT DURABLE CUSTOM RUBBER PARTS

SPECIALIZING IN PROTOTYPE AND SHORT RUN ZINC ALLOY & ALUMINUM CASTINGS,
PLASTIC, AND RUBBER MOLDINGS

SEYBERT CASTINGS INC • 1840 COUNTY LINE ROAD • BLDG. 108 • HUNTINGDON VALLEY, PA 19006
(215)364-7115 • FAX (215)364-5549 • E-MAIL: info@seybertcastings.com

GP

APPLICATION IDEAS:

- CUSTOM REUSABLE COVERS FOR PRINTED CIRCUIT BOARD COMPONENTS
- FIXTURES TO HOLD PARTS DURING ASSEMBLY
- GROMMETS FOR STRAIN RELIEF
- VACUUM PICK-UPS

GP is a high temperature vulcanized rubber compound designed for both room temperature and high temperature applications. It has good dimensional stability and reversion resistance. Seybert Castings custom manufactures parts to meet your application.

TYPICAL VULCANIZED PROPERTIES

The properties presented below are average based on several determinations and should not be used for specification purposes.

	<u>TEST METHOD</u>	<u>AS CURED</u>	<u>HEAT AGED 1 HR. AT 260° C</u>	<u>HEAT AGED 24 HR. AT 260° C</u>
Color	Visual	Blue	Blue	Blue
Hardness, Shore A	ASTM D2240-91	67A	66A	66A
Compression Set (%)	ASTM D395-89 Method B	2.4%	9.3%	71.7%
Exposure: 22 hours at room temperature, 25% deflection Recovery: 30 minutes at 23± 2° C and 50± 5% R.H.				
Tensile Strength (PSI)	ASTM D412-92	850	915	715
Ultimate Elongation (%)	ASTM D412-92	260	150	115
100% Modulus (PSI)	ASTM D412-92	615	600	600

*HEAT AGING CONDUCTED USING AN AIR-CIRCULATING THERMAL CHAMBER

The information presented here is based on carefully conducted laboratory tests and is believed to be accurate. However, results cannot be guaranteed and it is suggested that customers confirm results in their own laboratory.