

Material Specs

	Material	General Description	Hardness (Shore A)	Tensile Strength (MNm-2)	Elongation (%)	Tear Strength (PPI)	Operating Temperature				Electrical Insulation
							Low °C	Low °F	High °C	High °F	
Dip Moulded Vinyl	9238	General Purpose Glossy	75	15	300	200	-30	-22	100	212	Good
	HT-201	Hi-Temp Resistant	80	16	250	250	-18	0	230	446	Good
	9400M	Medical Grade	62	13	350	150	-20	+4	60	140	---
	9100	Textured	60	12	350	100	-29	-20	66	150	---
Rubber	Silicone	Extra Temperature (EHTSi)	---	6	300	75	-76	-104	302	575	---
	EPDM	Hi-Temp Chemical Resistant	---	10	320	200	-55	-67	149	300	---
Resins	LDPE	Low Density Polyethylene	---	600-2300 PSI	---	---	-70	-94	79	175	---
	HDPE	High Density Polyethylene	---	3100-5500 PSI	---	---	-18	0	102	215	---
	PP	Polypropylene	---	4300-5500 PSI	---	---	-70	-94	121	250	---
	TPE	Thermoplastic Elastomer	82	580-1610 PSI	---	220	-60	-76	135	275	---
Paper	NYLON	Nylon PA6	---	10741 PSI	---	---	-40	-40	121	250	---
	Paper	Tan Recycled Paper	---	---	---	---	---	---	204	400	---

Additional Formulas (Antistatic, Flame Retardant etc.), Compounds & Resins Available, Please Contact Sales for Further Information

Material Maximum Temperature Specifications

Material	9400M	9100	LDPE	9238	HDPE	PP • NYLON	TPE	EPDM	PAPER	HT201	SILICONE
Temp	60° C / 140° F	66° C / 150° F	79° C / 175° F	100° C / 212° F	102° C / 215° F	121° C / 250° F	135° C / 275° F	149° C / 300° F	204° C / 400° F	230° C / 446° F	302° C / 575° F

Temperatures shown are guidelines. Please request a **FREE** sample for your testing.

COLOUR OPTIONS 9238 Formula Vinyl:



Tolerances

VINYL PRODUCTS

- Minimum Length = 4.8mm (3/16")
- Length is variable in 1.6mm (1/16") increments
- Inside length tolerance is +/- 1.6mm (1/16") • Length measured along inside wall, not from centre, with the exception of the F-Series.
- Wall thickness as noted, unless special request
- Wall tolerance +/- .010" .25mm (0.010")
- Wall measured approximately 6.4mm (1/4") from open end, with wall increasing slightly towards the closed end of cap
- Above tolerances refer to Standard Formulation 9238 or High-Temp HT201 (Additional formulations are available).

POLY PRODUCTS

- Typical tolerance for part dimension:
 - 0.000"-3.000": ± 0.010" (0mm to 76.2mm : ± .25mm)
 - 3.001"-5.000": ± 0.015" (76.23mm to 127mm : ± .38mm)
 - 5.001" and up: ± 0.020" (127.1mm and up : ± .51mm)
- On SMR Series parts 1-1/16" and larger, the tolerance for dimension "A" is +0.018"/-0.010" (+0.45mm/- .25mm)

RUBBER PRODUCTS

All Thermoset Rubber Products are manufactured to RMA® "A3" Commercial tolerances

For More Information, Please Contact Sales on

0800 856 2466