

Silicone Sponge Foam - Closed Cell - Roll & Sheet
Low Thermal Conductivity Insulation
428°F / 220°C: DeltaMax™ High Temperature & Heat Resistant



- Thermal insulation sponge. Available in .250" and .500" thick (+/- .025).
- General purpose sponge is red in color. UL94 V-0 flame resistant is grey in colour.
- Compression deflection at 25% is 12.5 psi.
- Water absorption is 5% maximum, typically 1% measured.
- Thermal conductivity 0.110 W/mK.
- Specific Gravity 0.5
- Operating temperature -50°C to 230°C
- Compression set at 100°C (22 hours) - <20%
- Tensile Strength >100psi
- Elongation - >300%
- Ply adhesion to > 3 lbs/in
- Total mass loss, 125°C, 24 hrs, vacuum - <1%
- Tensile strength retention (250°C 3 days) - >70%
- Elongation retention (250°C 3 days) - >30%

Silicone Sponge Foam - General Purpose and also UL94 V-0 rated								
Part Number	Thickness in / mm		Color	Roll Width * in / cm		Roll Length ft / m		Price per Roll / Sheet
	IM-DM-R-4	.250		6.35	Red	46	116.84	
IM-DM-R-8	.500	12.7	Red	42	106.68	120	36.57	\$call / \$call
IM-DM-G-UL94-4	.250	6.35	Grey	46	116.84	150	45.72	\$call / \$call
IM-DM-G-UL94-8	.500	12.7	Grey	42	106.68	120	36.57	\$call / \$call

* Useable width is typically 2 inches less than roll width

Rolls are cut into Sheets: Sheet dimensions; .250" thick is 44" x 84" / .500" thick is 40" x 84"