

Sur-Sil™ LCF Silicone Foam

Sur-Sil™ LCF Silicone Foam is the go-to material for solving the toughest sealing challenges in low compression force applications. Sur-Sil™ LCF Silicone is a super soft foam that offers very high compressibility with excellent rebound at elevated temperatures. Designed for dust and vibration isolation under harsh environments. Optional pressure sensitive adhesive backings are also available.

Properties	Units	Method	LCF-CS10	LCF-CS20	LCF-CS30
Relative Firmness	Shore OO	ASTM D2240	Very Soft	Soft	Medium Soft
Color*	---	Visual	Gray	Gray	Gray
Thickness Range**	in	in	0.06 to 0.375	0.06 to 0.375	0.06 to 0.375
Density	lb/ft	ASTM D1056	16	19	22
Compression Set	%	50% Defl. @ 70C for 22hrs 50% Defl. @ 100C for 22hrs	<2% <5%	<2% <5%	<2% <5%
Compression Force	PSI	ASTM D1056 (@ 25% Def.)	1	2.5	4
Temp. Range	°C	---	-50 to 200	-50 to 200	-50 to 200
Tensile Strength	PSI	ASTM D412	18	22	29
Ultimate Elongation	%	ASTM D412	70	60	60
Water Absorption	%	Internal Method	<5	<5	<5
Flame Rating	---	UL 94	V-0	V-0	V-0

*Additional Colors May Be Available Upon Request

**Additional Thicknesses Available Upon Request



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