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COMMERCIAL GRADE SOLID SILICONE RUBBER

TYPICAL PROPERTIES	SIL-SS-40	SIL-SS-50	SIL-SS-60	SIL-SS-70	SIL-SS-80
Durometer (ASTM D-2240) (Shore A)	40	50	60	70	80
Tensile Strength (ASTM D-412) (psi)	750	750	750	750	700
Min					
Tear Strength (ASTM D-624 Die B) (ppi)	80	80	80	80	80
Min					
Elongation (ASTM D-412) (%)	350%	300%	300%	200%	150%
Temperature Range (F)	-80 – +400	-80 – +400	-80 – +400	-80 – +400	-80 – +400
Color	(Red, Black, Grey, Blue,Green)				
Thickness (inches)	(From 1/8" to 1/2")				

FOLLOWING ARE TWO US DOMESTIC MANUFACTURES' SPECIFICATIONS AS A COMPARISON

DIVERSIFIED SILICONE PRODUCTS, COMMERCIAL GRADE SOLID SILICONE RUBBER

Typical Properties	DSP50CG	DSP60CG	DSP70CG
Durometer(ASTM D-2240) (Shore A)	50	60	70
Tensile Strength (ASTM D-412) (psi)	600	600	650
Tear Strength (ASTM D-624 Die B) (ppi)	80	80	80
Elongation (ASTM D-412) (%)	300	300	275
Temperature Range (F)	-103 – +450	-103 – +450	-103 – +450
Color	Red	Red	Red
Thickness (inches)	(From 0.010" to 1")		

SAINT-GOBAIN COHRLASTIC 900X COMMERCIAL GRADE SOLID SILICONE RUBBER

Typical Properties	9005	9006	9007
Durometer(ASTM D-2240) (Shore A)	50	60	70
Tensile Strength (ASTM D-412) (psi)	600	600	650
Tear Strength (ASTM D-624 Die B) (ppi)	60	60	60
Elongation (ASTM D-412) (%)	300	300	275
Dielectric Strength (appr.) (volts/mil)	500	500	500
Temperature Range (F)	-65 – +450	-65 – +450	-65 – +450
Color	Red	Red	Red
Thickness (inches)	(1/16", 1/8", 1/4")		