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SONUS[®] FOAM

Material Number	16220	16400	17220	17610	17400
Description	2# Polyester Urethane Foam	4# Polyester Urethane Foam	1.6# Polyether Urethane Foam	2# Polyether Urethane Foam	4# Polyether Urethane Foam
Applications	- sound absorption - cushioning - vibration damping - thermal insultaion	- sound absorption - cushioning - vibration damping - thermal insultaion	- sound absorption - cushioning	- sound absorption - cushioning	- sound absorption - cushioning
Density (ASTM D3574)	1.8 to 2.2 pcf, certified	3.6 to 4.4 pcf, certified	1.4 to 1.8 pcf, certified	1.8 to 2.2 pcf, certified	3.6 to 4.4 pcf, certified
Compression Set (ASTM D3574)	15% max.	15% max.	--	--	--
Tensile Strength (ASTM D3574)	15 psi min.	12 psi min.	10 psi min.	9 psi min.	16 psi min.
Tear Strength (ASTM D3574)	1.0 pli min.	1.3 pli min.	1.0 pli min.	1.0 pli min.	1.5 pli min.
Elongation (ASTM D3574)	160% min.	120% min.	100% min.	140% min.	150% min.
Flammability FMVSS302 UL94 HF-1	certified certified @ 2.5 mm	certified certified @ 3.0 mm	certified --	certified compliant	compliant certified @ 6.0 mm
Service Temp Range (continuous)	-40°F to 200°F (-40°C to 93°C)	-40°F to 200°F (-40°C to 93°C)	-40°F to 200°F (-40°C to 93°C)	-40°F to 200°F (-40°C to 93°C)	-40°F to 200°F (-40°C to 93°C)
Peak Temperature (intermittent)	250°F (121°C)	250°F (121°C)	250°F (121°C)	250°F (121°C)	250°F (121°C)
Color	Charcoal	Charcoal	Charcoal	Charcoal	Charcoal
ACOUSTICAL (ASTM C423)	1" thickness	1" thickness	1" thickness	1" thickness	1" thickness
125 Hz	0.06	0.05	0.07	0.06	--
250 Hz	0.18	0.25	0.20	0.16	--
500 Hz	0.66	0.85	0.47	0.39	--
1000 Hz	1.03	1.05	0.66	0.70	--
2500 Hz	0.78	0.82	0.72	0.90	--
5000 Hz	0.91	0.78	0.66	0.96	--
NRC	0.70	0.75	0.50	0.55	--