

WEATHERSTRIPPING: Aircraft hangar door Weather Seal specification

ASTM: D2000 M2 BC607: A14, B14, F17

TESTING METHOD	ASTM METHOD	FACTORY SPECS
BC 607		
Hardness (Shore Durometer A)	D2240	60±5 Duro, Min. 1015 PSI
A14: Heat Resistance		
D573 100° C, 70 hrs	Change In Hardness: +15	Change In Hardness: +6
	Change In T/S (%): -15	Change In T/S (%): -15
	Change In E/L (%): -40	Change In E/L (%): -15
B14: Compression Set		
100° C, 22 hrs	D395	MAX (%): 28
F14: Low Temperature		
3 MIN. At -40°	Pass	Pass
Elongation	D412	MIN. 350 %
Oil Resistance		
100° C, 70 hrs, #3 Oil	D471	120
Specific Gravity		1.47
Tensile		1,000 psi
Physical Properties		
Common Name: Nylon-reinforce Neoprene Sheet		
ISO/ASTM Designation: CR		
Grade: Commercial		
Gauge (Ply): 1/16" thick (single), 1/8" thick (double), 3/8" thick (triple)		
Finish Surface: Smooth on Both Sides		
Color: Black		
Fabric Insert: 3.4 OZ/SQ YD Nylon Fabric		
Thickness Tolerance As Follows:		
1/16" thick (1.5mm) = Min. 1.21 mm to Max. 1.97mm		
1/8" thick (3.0mm) = Min. 2.79 mm to Max. 3.56mm		
3/8" thick (9.5mm) = Min. 8.71 mm to Max. 10.34mm		
Resistant Properties As Follows:		
Abrasion, Acid, Alkali, Flame, Gas, Gas Permeability, Oil, Ozone, Weather		