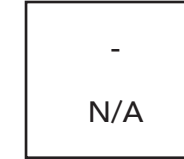
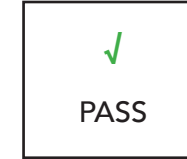





CLAMP PERFORMANCE MATRIX

Amphenol Clamps vs. Military Test Requirements & Existing Military Clamps

In the matrix below, compare Amphenol's clamps (blue) against the industry standard metal clamps (red). Amphenol clamps are lighter weight, meet or exceed test requirements and offer a wide selection of materials for use in all harsh environments.

Matrix Key



Specifications		Amphenol Clamps for Military								Metal Clamps for Military					
		CC5516L		75P		86P				MS21919		M23190/4		Mil-DTL-85052/5-/16	
Materials	Clamp Band	 PEEK		 PEEK		 PEEK 30% GF				Alu 2024-O 321 CRES 17-7PH CRES		Alu 2024-T42 321 CRES 17-7PH CRES		Alu 2024-T42 321 CRES	
	Cushion	Silicone		EPR Nitrile Chloroprene Silicone Fluorosilicone		Silicone Fluorosilicone				EPR Nitrile Chloroprene Silicone Fluorosilicone		EPR Chloroprene Silicone Fluorosilicone PTFE		EPR Nitrile Chloroprene Silicone GF Fluorosilicone PTFE	
Size Increments		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
		.039	1	.063	1.60	<small>Sz. 2-9</small> .063	<small>Sz. 10-24</small> .0125	<small>Sz. 2-9</small> 1.60	<small>Sz. 10-24</small> 3.18	.063	1.60	.063	1.60	.063	1.60
Ease of installation feature		Flexible Self-Locking		Flexible Self-Locking		Pre-Install Hinge w/ Detent Snaps Closed				None		Self Locking		Hinge Self Locking	
Stackable		✓		✓		✓				✓		✓		✓	
Weight vs Alu MS21919WD		- 55%		- 15%		- 10%				-		-		-	
Test Requirements	MS21919	✓		✓		✓				✓		-		-	
	M23190 M23190/4	✓		✓		✓				-		✓		-	
	MIL-DTL-85052/5-/16	✓		✓		✓				-		-		✓	
	RTCA DO-160	✓		✓		-				-		-		-	
	Airbus ABS1916	✓		-		-				-		-		-	