



PVD COATING SHEET

PHYSICAL VAPOUR DEPOSITION

595 CR 448 Tavares, FL 32778 • Phone: 1 (352) 343-8778 • Toll Free: 1 (866) 866-5497

COATING TYPE	TIN	TICN	TICN-MP	TIALCN	TIALN	ALTIN	CRN	NACO	NACRO
STRUCTURE	Monolayer	Gradient	Gradient	Gradient	Multilayer	Gradient	Monolayer	Gradient	Gradient
NANO HARDNESS (GPA)	24	37	32	28	28	38	18	45	40
FRICITION COEFFICIENT	.55	0.2	0.2	0.3	0.6	0.7	0.3	0.45	0.35
THICKNESS (µm)*	1 - 5	1 - 4	1 - 4	1 - 4	1 - 4	1 - 3	1 - 4	1 - 4	1 - 7
THERMAL THRESHOLD	600°C (100°F)	400°C (750°F)	400°C (750°F)	500°C (930°F)	750°C (1382°F)	900°C (1650°F)	700°C (1290°F)	1200°C (2192°F)	1100°C (2012°F)
COLOR	Golden Yellow	Blue-Gray	Light-Red	Red-Copper	Violet	Blue-Black	Silver	Violet-Blue	Blue-Gray

* Coating thickness will vary based on your custom application