

DURALLOY™

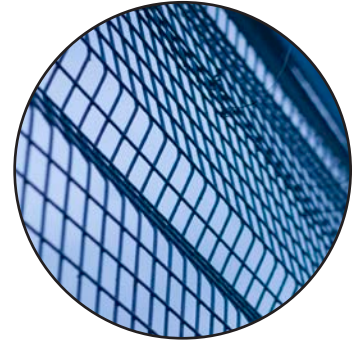
Thermoplastic Powder Coatings



PROTECH



DURALLOY™ is the Protech Group's line of PVC grade thermoplastic powder coatings which do not require a primer. These powders offer the same high performance characteristics as our industry leading PVC fluidized bed coatings while delivering significant cost benefits by eliminating the need for a primer. DURALLOY™ is available in selected colors.



Technical Data Information

PRODUCT CODE	ASTM METHOD	DURALLOY
Specific Gravity of fused film	D-792	1.22 ± 0.05
Bulk Density of powder, lb/per ft ³	At rest	39*
	Fluidized	28
Hardness, Shore A ¹	D-2240	100 ± 2
Coverage, lb/per ft ² @ 10 mils		0.07 ± 0.005
Tensile Strength, psi.	D-651	3230 ± 100
Elongation, %	D-638	180 ± 10
Maximum Useful Operating Temperature, °F, Continuous		185°F
	Intermittent	325°F
Melting Range, °F		390 - 410°F
Dielectric Strength, v/mil	D-149-97a	950
Volatility, % Loss 5 minutes @ 425°F		0.80

The salt spray resistance of all properly applied DURALLOY™ PVC powder coatings is excellent. A zinc or iron phosphated substrate, sandblasted and coated with the above product, will provide a durable finish showing no effect in 4,000 hours of salt spray exposure and less than 1/8" undercutting will be observed on a scored panel exposed to 2,000 hours.