

FLUORINATED POLY-PARA-XYLELENE

5 Strengths of Coating Type	5 Weaknesses of Cure Type
<ul style="list-style-type: none">● Excellent uniformity regardless of part geometry ‘ no pinholes, fillets, or bridging● Chemical inertness/barrier properties ‘ insoluble in organic solvents, acids, or bases, with very low permeability rates● High temperature stability (450fC [842fF]) and increased UV stability● Low dielectric constant, 2.28● Low environmental impact process	<p>Vapor Deposition Polymerization</p> <ul style="list-style-type: none">● Parts are processed by batches in a vacuum chamber, not an in-line process● Masking required for no-coat areas● Coating removal and rework generally requires specific equipment, abrasion/micro-blasting most common technique● The coating is deposited at a rate slower than the conventional poly-para-xylelenes● Requires special deposition equipment different than that for the C, D, and N poly-para-xylelene varieties.