

AMORPHOUS FLUOROPOLYMER

| 5 Strengths of Coating Type | 5 Weaknesses of Cure Type |
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| <ul style="list-style-type: none">• Low dielectric constant• High glass temperature• Low surface energy• Low water sorption• Good solvent, oil and common acid resistance | Solution Deposition <ul style="list-style-type: none">• Requires special liquids for polymer swelling• Limited solubility which limits film thickness• May require glass temperature anneal• Requires special surface treatment for greatest adhesion• Poor resistance to some acids and alkalines |
| | Vacuum Deposition <ul style="list-style-type: none">• Requires pressure of 10 Torr ‘ 5 Torr [0.193 PSI ‘ 0.097 PSI] or less• May require glass temperature anneal• Requires special surface treatment for greatest adhesion• Poor resistance to some acids and alkalines• Poor abrasion resistance |