

Dry before use — even freshly opened factory-sealed spools. Vacuum sealing stops further absorption but does not remove moisture already present.

| Material                      | Max Open-Air Time  | Priority  | Storage Recommendation                                 |
|-------------------------------|--------------------|-----------|--------------------------------------------------------|
| STANDARD MATERIALS 6 items    |                    |           |                                                        |
| PLA                           | Weeks              | NORMAL    | Sealed bag or container. Low urgency.                  |
| PLA+ / PLA-CF                 | 1–2 weeks          | NORMAL    | Sealed bag with desiccant when not in use.             |
| PETG                          | 3–5 days           | IMPORTANT | Reseal after every print session.                      |
| ABS                           | 3–5 days           | IMPORTANT | Sealed container with desiccant between sessions.      |
| ASA                           | 3–5 days           | IMPORTANT | Sealed container with desiccant between sessions.      |
| TPU                           | 1–2 weeks          | IMPORTANT | Sealed bag. Less sensitive than Nylon.                 |
| ENGINEERING MATERIALS 6 items |                    |           |                                                        |
| PET-CF                        | 1–2 days           | IMPORTANT | Sealed container. Less sensitive than Nylon CF.        |
| PA12 (Nylon)                  | 2–4 hours          | CRITICAL  | Dry box during printing. Vacuum seal between sessions. |
| PA6 / PA6-CF                  | 1–2 hours          | CRITICAL  | Dry box during printing. Vacuum seal between sessions. |
| PA12-CF                       | 1–2 hours          | CRITICAL  | Dry box during printing. Vacuum seal between sessions. |
| PC                            | Print session only | CRITICAL  | Seal immediately after use. Dry before every session.  |
| PPA-CF                        | Print session only | CRITICAL  | Paper spool. Vacuum seal. Dry every session.           |