



Plastic Chemical Resistance

At Hammond, we recognize that Polycarbonate and ABS plastics may exhibit sensitivity to certain chemicals. Therefore, it is important to understand their limitations and exercise caution when using them.

We advise against the use of the following substances, as they have been known to adversely affect our plastic enclosures:

- **Acetone, ketones, ethers, and aromatic and chlorinated hydrocarbons.**
- **Red Loctite or any thread locking compound for screws.**
- **Cutting fluid or tapping fluid. When making modifications, we recommend using an air blast to clear chips away.**
- **Water detection paste, Anti-seize paste.**
- **Strong solvents or cleaners. Please use only cleaners listed as plastic safe.**
- **Some greases and oils. Always ensure compatibility with plastic before use.**

While we are providing general guidelines, this is not a comprehensive list. There may be other factors that can affect how the plastic will react to chemicals such as concentration level, time in contact, temperature, external stresses, and enclosure modifications.

If you are unsure about a substance, please reach out to us. Our team will be happy to review your enclosure application.

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