



Pre-Painted PVDF Steel Information Sheet

Kynar 500[®] and **Hylar 5000[®]** are different trade names for the generic product reference of PVDF.

Polyvinylidene fluoride, or polyvinylidene difluoride, (PVDF) is a highly non-reactive and pure thermoplastic fluoropolymer produced by the polymerization of vinylidene difluoride. PVDF is a specialty plastic material in the fluoropolymer family. In a fine powder grade, PVDF is also used as the principal ingredient of high-end paints for metals. These PVDF paints have extremely good gloss and color retention.

PVDF is the generic product reference for these types of paints (coatings).

Kynar 500[®] and Hylar 5000[®] are examples of trademarked PVDF materials...still PVDF material but they've been branded by a company to differentiate their PVDF material from others in the market.

- Kynar 500 is a registered trademark of Arkema. As such, the name Kynar can **ONLY BE USED** to refer to product manufactured by Arkema or one of its approved affiliates/licensees.
- Hylar 5000 is a registered trademark of Solvay. As such, the name Hylar can **ONLY BE USED** to refer to product manufactured by Solvay or one of its approved affiliates/licensees.

Cascadia Metals' purchases pre-painted steel from various suppliers, some of which do not utilize the Kynar or Hylar branded PVDF material but rather utilize a non-branded PVDF material.

As not all our pre-painted PVDF suppliers use Arkema's trademarked "Kynar" PVDF material, we **CANNOT** refer to the product we sell by the Kynar trademarked name in our promotions, warranties, etc. We **MUST** refer to it by the generic product name of "PVDF".

Rest assured the PVDF product we sell meets the same product requirements and specifications as Kynar, Hylar, and any other trademarked PVDF paint system for the metals industry.

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Hylar 5000 is a registered trademark of Solvay.*