



## 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.*