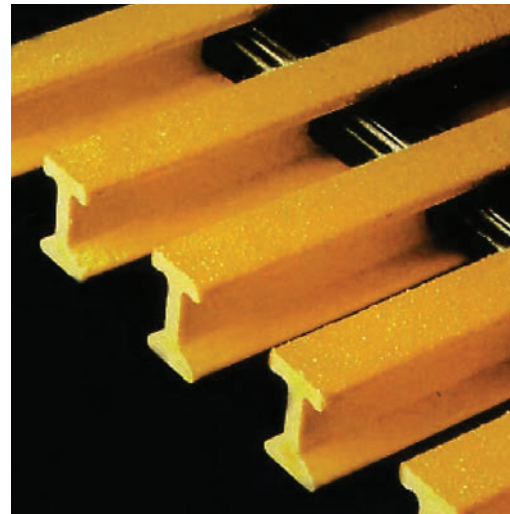
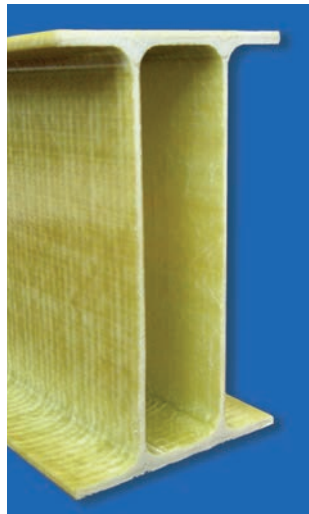
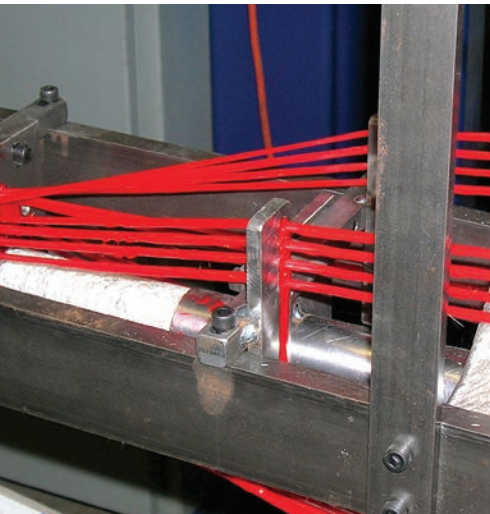


Solutions for Pultrusion

- Easy Die Release
- Reduced Pull Force
- Superior Line Speed
- Excellent Physical Properties
- Clean Profiles Ready For Finishing
- Resin Specific Formulations
- Excellent Surface Finish



Internal Mold Releases

Typical Loading Level of MoldWiz® Internal Mold Release (based on resin weight):

0.5 % - 2% in polyester /vinyl ester resins

1% - 2% in epoxy resin systems

1% - 2% in phenolic resin

2% in polyurethane systems (4% in polyol)

NOTE: These are guidelines only. Profile size, or complexity; filler loading; equipment, or other process requirements, may impact these guidelines.

Resin	MoldWiz® Product No.	Recommended uses:
Polyester Vinyl Ester	INT-PUL24	Enhanced performance for polyesters and vinyl-esters; for demanding operations and fast line speeds.
	INT-PUL34	Enhanced performance for demanding applications, high loading of ATH (>50phr). Best for MMA and hybrid resins as well.
	INT-524M	General purpose; low complexity or smaller profiles.
	INT-542WT	MMA modified polyester and BPO cures.
	INT-PS125	Industry standard for aramids (Kevlar®), also can be used across the board for polyester and vinyl-ester resin.
Epoxy	INT-1324 INT-1324B	INT-1324 for DICY systems. INT-1324B for anhydride amines and DICY blends.
	INT-1857DC INT-1846	Aromatic amine cured epoxy.
	INT-1846N2	Neutralized formulation. Amine or anhydride cures.
	INT-1888LE INT-1850HT	Bisphenol A or F epoxy with various cures. Especially where high Tg must be maintained.
	INT-1888LE INT-1890M	For acid anhydride or imidazole cures.
	INT-1888LE INT-1324B INT-1846N2	Acid anhydride, w/ tertiary amine or imidazole Example: MTHPA
Phenolic	INT-1850HT	General purpose. Also good for some high temp epoxies.
Polyurethane	INT-1948MCH	High performance for PU pultruded profiles. Excellent profile surface, high line speeds, low pull forces, excellent miscibility with polyol and no foaming, or separation.
	INT-1940RTM	High performance for PU closed mold resins. Processes include infusion, RTM, etc.

These products reflect only a small portion of what we have to offer. Please contact us for more information. This information is supplied for technically skilled professionals working at their own risk. AXEL believes the information to be accurate, although the Company assumes no liability in the validity of the information for any specific process or application. Moreover, AXEL will assume no liability from any direct and/or consequential damages of any kind that may occur from the use or non-use of AXEL products or information supplied by the Company or its appointed representatives. ISO 9001 Registered. REACH Compliant. MoldWiz®, XTEND®, PasteWiz® and CleanWiz® are registered trademarks of Axel Plastics Research Laboratories Inc. ©2016 Axel Plastics Research Laboratories, Inc. All rights reserved.

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