



AXEL

solutions for rotational molding

process aid additives & external mold releases

Manufacturers of thermoplastic rotomolded products understand the importance of delivering finished goods with superior structural and surface quality. When you need the best, AXEL mold releases deliver unparalleled results.

CELEBRATING
80 YEARS
1941 - 2021

solutions for rotational molding

2

	Product Name	Features	Application	Primary Use
Water-based External Mold Release	XTEND® W-4810 XTEND® W-4008	High performance, long lasting semi-permanent release provides quick and easy demolds and the highest number of demolds prior to needing reapplication. Provides excellent cosmetics and minimal build-up.	Wipe or spray on ambient to warm molds. Mold up to 1000°F/528°C. No baking required.	All PE, PP & PA
	XTEND® WB-4909R	Medium slip semi-permanent for all grades of PE. Easy to apply.	Wipe or spray on ambient to warm molds. No baking required.	All PE
	MoldWiz® WB-4606	Low to medium slip. Excellent for eliminating coining and pockmarking. Can also be used as a general purpose release for other PE grades.	Wipe or spray on ambient to warm molds. No baking required.	XLPE
	MoldWiz® WB-4707N	Very high slip for parting lines. Keeps parting lines clean and free of resin. Also excellent for pins, cores, inserts, etc. Can be used for molding parts that need high slip.	Wipe or dip at ambient to warm.	Parting lines, pins, inserts, cores
Solvent-based External Mold Releases	XTEND® 1110EP	Quick, easy to apply, semi-permanent release; often preferred for short runs or cast iron molds. High slip for difficult to release parts.	Wipe or spray on ambient to warm molds.	LDPE, LLDPE, MDPE, HDPE, PP

	Product Name	Features	Application	Primary Use
Powder Internal Mold Release	MoldWiz® ROTO-1	Imparts excellent release for difficult parts as well as providing improved flow and antistatic properties. Does not impair mold in graphics, post-applied labels, etc.	Typical addition rate is .05% - 0.1% of the weight of the resin. May be dry blended, although addition prior to grinding or compounding can be done.	All types of PE & PP

	Product Name	Features	Application	Primary Use
Water-based Cleaner	XTEND® Aqua Clean 220	100% water-based stripper for removing light mold build-up or color plate-out.	Scrub with abrasive pad to remove build-up, then rinse with water and dry.	Cleaning all types of molds
Solvent-based Cleaner	CleanWiz® CX-200XM	Removes build-up of mold release and plate-out of color and resin. For light to moderate build-up.	Scrub ambient molds and allow to soak for 5-15 mins. Scrub with abrasive pad to remove build-up, then rinse with water and dry.	Cleans most tools

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. Please refer to individual data sheets for further application, safety, and handling information. MoldWiz®, XTEND®, PasteWiz®, and CleanWiz® are registered trademarks of Axel Plastics Research Laboratories, Inc. © 2021, Axel Plastics Research Laboratories, Inc. All Rights Reserved. Rev Jan 2021.

50 Cambridge Drive | Monroe, Connecticut 06468 US
800.332.AXEL | info@axelplastics.com | axelplastics.com



www.axelplastics.com
800.332.AXEL