

The logo for AXEL, featuring the word "AXEL" in a white, serif font with a blue shadow effect, set against a dark blue square background.

AXEL

A collection of black and green rubber O-rings and seals of various sizes, some stacked and some scattered, against a white background with a dark blue overlay on the right side.

solutions for rubber

internal & external mold releases

The rubber industry has its own unique release challenges, which we provide dependable and economical solutions for. When you need the best, AXEL internal and external mold releases deliver unparalleled results.

	Product Name	Application Technique / Temperature	Type of Mold	Features
Semi-Permanent Solvent-based Mold Releases	XTEND® 21HT	Spray or wipe on. Bake initial application at process temperature.	All	Long lasting. Can be used at process temps of up to 700°F/427°C. Do not use to mold silicone elastomers
	XTEND® 19RSS	Spray or wipe on at temps up to 140°F/70°C. Can be used to mold at up to 400°F/205°C.	All including silicone	Periodic application extends life of silicone molds. Reduces tear outs. Do not use to mold silicone elastomers.
Semi-Permanent Water-based Mold Releases	XTEND® W-4008B/HT1	Spray or wipe on hot molds, 350°F/177°C and bake initial application for best results.	All	Long lasting. Can be used at process temps up to 800°F/538°C. Do not use to mold silicone elastomers.
Polymeric Solvent-based Mold Releases	MoldWiz® F-57/NC	Spray or wipe on at ambient temperature or higher.	All	Contains fluoropolymer. Available in aerosol or bulk liquid. Can be used for silicone rubber.
	MoldWiz® AZN	Spray or wipe on at ambient temperature or higher.	All	Especially suitable for molding EPDM.
Polymeric Water-based Mold Releases	MoldWiz® EM-303SF2	Spray or wipe on at ambient temperature or higher.	All	Good for molding fluoroelastomers.

Process Aid Additives

Type of Rubber	MoldWiz® Product Name	Product Form			
		Powder	Pellet	Liquid	Soft Solid
ACM Acrylate/ Polyacrylate	IMRI				•
BR Butadiene/ Butyl	INT-EQ6			•	
	INT-937			•	
CR Chloroprene/ Neoprene	INT-EQ6			•	
	INT-54			•	
	INT-21G			•	
	3IMR				•
CSM Chlorosulfonated Rubber	INT-EQ6			•	
	INT-21G			•	
	INT-54			•	
ECO Epichlorohydrin	INT-EQ6			•	
	INT-21G			•	
EPDM	INT-1117LAM				•
	IMRI				•
EVA	INT-33LCA	•	•		
	IMRI				•

Type of Rubber	MoldWiz® Product Name	Product Form			
		Powder	Pellet	Liquid	Soft Solid
FVMQ Silicone Elastomer	INT-1117EL				•
HNBR High Nitrile Butadiene	INT-44/3PV	•	•		
	3IMR				•
SBR Styrene Butadiene	INT-33LCA	•	•		
	INT-34DLK	•	•		
	IMRI				•
TPE Thermoplastic Elastomer	INT-33LCA	•	•		
	INT-34DLK	•	•		
VP Vinyl Plastisol	IMRI				•
YAU Urethane Elastomers	INT-20E			•	
	INT-1944NRR			•	

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. © 2022, Axel Plastics Research Laboratories, Inc. All Rights Reserved. Rev Mar 2022.

