

# Solutions for Rubber

- *External Mold Releases*
- *Semi-Permanent Mold Releases*
- *Process Aid Additives*
- *Internal Mold Releases*
- *Uses Include:*
  - *Compression Molding*
  - *Compounding*
  - *Injection*
  - *Transfer Molding*
  - *Calendering*



## External Mold Releases

		Product No.	Application Technique / Temperature	Type of Mold	Features
<b>XTEND® Semi-Permanent Mold Releases</b>	Solvent -based	21GP	Spray or wipe on. Bake initial application at process temperature.	All	Long lasting. Can be used at process temperatures up to 700°F/427°C. Do not use to mold silicone elastomers.
		19RSS	Spray or wipe on at 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.
	Water -based	W-4005B/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 temperatures up to 800°F/538°C. Do not use to mold silicone elastomers.
		W-3236 W-3236FG	Spray or wipe on at ambient or higher.	All	Especially suited to releasing soft elastomers and foams, including silicone. FG is suitable for molding food grade products.
		W-7283R	Spray or wipe on at ambient or higher.	All	Good general purpose rubber release. Excellent for EPDM. Not for silicone. Can be diluted.
<b>MoldWiz® Polymeric Mold Releases</b>	Solvent -based	F-57/NC	Spray or wipe at ambient or higher.	All	Contains fluopolymer. Available in aerosol or bulk liquid. Can be used for silicone rubber.
		AZN-O	Spray or wipe at ambient or higher.	All	Especially suitable for molding EPDM. Contains anti-oxidant to protect molds in storage.
	Water -based	EM-303SF/2	Spray or wipe at ambient or higher.	All	Good for molding fluoro-rubbers.
		WB-GR50	Spray or wipe at ambient or higher.	All	Good slip for belt and o-ring production.
		FFIH-15P	Preferably spray on at ambient.	All	Barrier release for silicone molds.

## Process Aid Additives

Type of Rubber	MoldWiz® Product No.	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 Eoichlorohydrin	INT-EQ6			●	
	INT-21G			●	
EPDM	INT-1117LAM				●
	IMRI				●
EVA	INT-33LCA	●	●		
	IMRI				●
Type of Rubber	MoldWiz® Product No.	Product Form			
		Powder	Pellet	Liquid	Soft Solid
FVMQ Silicone Elastomer	INT-338	●			
	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	INT-VP250			●	
	IMRI				●
YAU Urethane Elastomers	INT-20E			●	
	INT-1948MCH			●	

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