

● Indicates most recommended.

This release/resin recommendation chart is intended to be a general guide based on field testing performed over the last 58 years. Always pre-test any release with a particular resin. Mold configuration and condition can greatly affect part releaseability.

	LIGHT DUTY MOLD RELEASES			MEDIUM DUTY MOLD RELEASES			HEAVY DUTY MOLD RELEASES			WATER-BASED MOLD RELEASES		SPECIALTY MOLD RELEASES										THERMOSET RELEASES			
	EconoMIST® 41612N	Paintable 40012N	LMR® 43512N	Quick Silicone 44612E	Quick Paintable 44712E	Quick Lecithin 44812E	Silicone 40112N	Polycarbonate 41412N	Universal 42612H	E/S water-based silicone 44312	E/S water-based lecithin 44512	DFL Dry Film Lube 41112N	Electronic 42712N	Heavy-Duty Mold Release and Pin Lube 54912	Hi-Temp 1800 44110	Knock Out 46612N	Mold Saver 42510	Pure Eze 45712N	Water Soluble 41212N	Zinc Stearate 41012N	DuraKote 41712	EpoxEase® 40614	Thermostat 45414	Urethane 45812H	

MOLD RELEASE CHARACTERISTICS																										
No chlorinated solvents	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Food-approved (silicone)	●			●			●			●																
Food-approved (non-silicone)			●			●			●				●					●								
Paintable		●	●		●	●		●		●		●	●	●	●	●	●	●	●	●			●	●		
Fast-acting solvent				●	●	●										●					●	●	●			
Will not interfere with bonding			●			●			●			●	●	●	●	●		●		●						
Ultrasonic welding compatible			●			●			●			●	●	●	●	●	●	●	●	●						
Recommended for medical molding									●								●									
MOLD RELEASE/RESIN RECOMMENDATION																										
ABS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acrylic	●	●					●	●	●			●	●	●		●		●								
Epoxy & Phenolic												●				●		●		●	●	●	●	●	●	●
Noryl®	●			●			●	●	●			●		●		●		●		●	●	●	●	●	●	●
Nylon	●	●	●	●	●	●	●	●	●			●		●		●		●		●	●	●	●	●	●	●
Polycarbonate	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Polyester												●						●		●	●	●	●	●	●	
Polyethylene			●			●			●					●		●		●		●	●	●	●	●	●	●
Polypropylene			●			●			●			●		●		●		●		●	●	●	●	●	●	●
Polystyrene	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Polysulfone	●	●	●	●	●	●	●	●	●			●		●		●		●		●	●	●	●	●	●	●
PVC													●			●		●		●	●	●	●	●	●	●
Rubber	●	●	●				●	●	●			●		●		●		●		●	●	●	●	●	●	●
Urethane								●	●			●		●		●		●		●	●	●	●	●	●	●
Wax	●						●										●						●	●	●	●