

Rubber Molding Recommendation Guide - January 2014

Product	Application Description	Release Type	Shelf Life (Months)	Natural	SBR	Butyl / IIR	Nitrile	Silicon	EPDM-p	HaloButyl	HNBR	Ethyl. Acry.	FKM	Chloroprene
DiamondKote Rubber Mold Release Agents for General Rubber Molding of Seals, Gaskets, and Ant-Vibration Applications														
Crystal 1510	Sulfur Cured - Natural/SBR/Nitrile/Butyl - RTM	Semi-Permanent	9	●	●	●	●			●		●		●
Crystal 1780	Sulfur Cured - Natural/SBR/Nitrile/Butyl - High Slip	Semi-Permanent	12	●	●	●	●							
Crystal 1053A	Sulfur Cured - Natural/SBR/Nitrile/Butyl - Dilutable	Semi-Permanent	12	●	●	●							●	
Crystal 1270	Sulfur Cured - Natural/SBR/Nitrile/Butyl - Dilutable	Semi-Permanent	12	●	●	●	●							
Crystal 1720	Sulfur Cured - Natural/SBR/Nitrile/Butyl - Medium Slip	Semi-Permanent	10	●	●									
Crystal SP-Plus	Sulfur Cured and Peroxide Cured Elastomers including fluoroelastomers and EPDM - Most versatile product - RTM	Semi-Permanent	12	●	●	●	●		●	●		●	●	●
Crystal RMT-49	Solvent based for ambient mold temps / hot curing	Semi-Permanent	12	●	●	●	●							●
Crystal 5130FS	Silicone elastomers, fluorosilicone, HNBR	Semi-Permanent	12					●	●		●		●	
Crystal 5000	Siliconeelastomers - excellent wetting on difficult substrates	Semi-Permanent	12					●			●			
Crystal 5810	EPDM, FKM, Silicone - High slip formulation, glossy appearance	Semi-Permanent	12					●	●		●		●	
Crystal 5940PS	Silicone and peroxide cured elastomers	Semi-Permanent	12					●	●					
Crystal 5840PF	FKM/Viton/Aflas - Lower Slip / Better Longevity	Semi-Permanent	12						●		●		●	
Crystal 5640PF	Silicone, fluorosilicone, p-EPDM, FKM	Semi-Permanent	12					●	●				●	
Crystal 5480RX	Release for Halobutyl elastomers, used in pharma molding	Semi-Permanent	12							●				
Crystal 509CR	Release of recycled / ground rubber bound with MDI - High Slip	Sacrificial	12	●	●	●	●							
Crystal 4170	Release for Barwell extrusion / general molding	Semi-Permanent	12	●	●	●	●							

Rubber Anti-Block Agents / Anti-Block Mold Release

Crystal 2000	Clear drying - non-soap based	Various Dilution Range	12	●	●	●	●	●	●	●	●	●	●	●
Crystal 2030	Anti-blocking agent with no Ca soap - dries clear	5:1 Starting Dilution	12	●	●	●	●	●	●	●	●	●	●	●
Crystal MetalGlide	Lubricating molds, metal to metal lubrication, non-silicone	Mold Lubricant	12											



Best Selection ●
Suitable ●
Effectiveness depends on application ●