

Complete overview of our most common flexible & rigid polyurethane foams

	F - Flexible R - Rigid	Mix ratio	Cream Time	Rise Time (min)	Tack-Free Time (min)	Demold Time	Free-Rise Density	Molded-Rise Density	Viscosity	
	F - Flexibel R - Starr	Mischungsver- hältnis	Cremezeit	Anstiegszeit (min)	Stickfreizeit (min)	Entfor- mungszeit	Free-Rise Dichte	Geformte Dichte	Viskosität	
	F - Flexibel R - Stijf	Mengverhouding	Cream tijd	Stijgtijd (min)	Viscositeit	Ontvormtijd	Vrije uitzet Dichtheid	Gegoten dich- theid	Viscositeit	
		By Weight or Volume	Seconds	Minutes	Minutes	Minutes	lb/ft3 - (kgm3)	lb/ft3 - (kgm3)	cP	
Poly Foam Serie	Rigid & Flexible Polyurethane Casting Foams									
PolyFoam R-2	Rigid	1A:1B	30.	3	10	30	2,5 (40)	4-8	500	
PolyFoam R-5	Rigid	1A:1B	45	2	3	10-15	5 (80)	8-20	1100	
PolyFoam R-8	Rigid	1A:1B	45	2	3	10-15	8 (128)	8-20	1100	
PolyFoam F-3	Flexible	1A:2B (by weight)	25.	1,5	3	10	3 (48)	5-8	2000	
PolyFoam F-5	Flexible	1A:1B	45	3-5	25	30-60	5 (80)	8-15	1400	
Foam 250, self skinning, variable hardness	Flexible	100A:30B - Soft 100A:33B - Medium 100A:36B - Hard	25-35 (133 grams)	2,5 - 3.0 (133 grams)	2-2,5	5+*	9-11 (140 - 180)	250 - 500	varied	
Foam 500, self skinning	Flexible	100A:26B	55 (133 grams)	2,5 - 3.0 (133 grams)	5+*	5+*	29-33 (460 - 540)	no-data	1000-1500	
	* depending on the mould volume and shape. Full cure can take 72 hours.									
Release agents & Accessories										
Pol Ease 2300	Release agent based on silicone oil. Used for polyurethane, epoxy, polyester, aluminum, wood, steel, plastic and other moulds and products if release is requested. Easy to clean and can be paint after. Aerosol (400ml).									
Release agent "VL"	Is a liquid wax based solvent release agent thats dry in minutes to release polyurethane, epoxy, polyester, aluminum, wood, steel, plastic and other moulds and products if release is requested.									
Pol-Ease 2450	Solvent and silicone-based release agent for use on models before pouring liquid polyurethane rubber. Fast drying, but flammable.									
Porous sealer	Is a clear coating to seals the pores surface that rubber, resin of foam can not penetrate into the mould of model.									
PolyCoat Sealer & Release Agent	PolyCoat can be applied to polyurethane molds to cast PolyFoam without a release agent. It can also be applied to silicone molds to improve performance and extend their life.									
Product Life Extender	Use PolyPurge Aerosol Dry Gas to extend the product life of PolyFoams by spraying it into containers before resealing.									
Poly Color Dyes	Liquid color dyes can be used to color PolyFoams. They are available in Black, Brown, Blue, Green, Red, Yellow, and a White Pigment.									
Colour pastes	Color paste to color the polyurethane materials such as rubber, resin and foams.									

*On request available.

Set packaging mix ratio 1A:1B products are 2 kg, 10 kg, 36 kg, 50 kg, 400kg

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