

Cyberbond Cyanoacrylat Adhesives: Frame Fast® Series



Appli- cation	Product	Appearance	Viscosity mPa*s	Setting time				Shear strength		Temperature range in ° C	Comment	Product
				Metal	Rubber	Plastic	Wood	Steel				
Frame Fast® Ethyloester	FF 106	colourless	20 - 40	20 - 45	3 - 7	3 - 7	-	10 - 23	-55 / +95	to bond plastic and metal mesh onto alu or steel frames	FF 106	
	FF 115	colourless	70 - 100	25 - 40	3 - 7	4 - 8	-	11 - 23	-55 / +95	special Cyanoacrylate to bond plastic and stainless steel mesh onto stainless steel frames	FF 115	
	FF 270	colourless	10 - 30	20 - 35	2 - 4	2 - 4	-	10 - 20	-55 / +95	low viscosity, fast setting standard to bond plastic and metal mesh onto alu or steel frames	FF 270	
	FF 280	colourless	110 - 170	15 - 30	6 - 10	2 - 4	> 40	11 - 22	-55 / +95	medium viscosity, fast setting Cyanoacrylate to bond plastic or metal mesh onto steel or wooden frames	FF 280	
	FF 297	blue	2,000 - 4,000 tx	35 - 70	3 - 7	6 - 9	> 60	11 - 22	-55 / +95	high viscosity, thixotropic Cyanoacrylate, standard setting to bond especially wide mesh onto alu or steel frames	FF 297	
	G 2000	colourless	3 - 7	8 - 20	3 - 5	3 - 5	> 40	11 - 22	-55 / +95	low viscosity, fast setting grade to be used in screen printing applications (metal or plastic mesh onto metal frame)	G 2000	

orange printed grades are considered as best standards out of their range;

Viscosity measured with cone / plate method at 20° C; with regards to newtonian fluids measured with cone Ø 75 mm at 30 rev/min; in terms of thixotropic fluids (tx) measured with cone Ø 50 mm at 5 rev/min.

Setting time in seconds at Steel, EPDM, ABS, Beech

Shear strength at Steel, measured in N/mm², with the other materials - such as EPDM, ABS, Beech - you normally reach substrate failure