AF SERIES

HIGH QUALITY INSTANT ADHESIVES FOR PROFESSIONAL USE

AFINITICA® AF Series is a complete range of ethyl cyanoacrylate formulations for the general assembly of close-fitting parts. These products are characterised by high quality, strength and speed. Additionally, these products have been formulated to bond porous substrates.

FEATURES

MULTI-MATERIAL

HIGH STRENGTH

INSTANT ADHESION

TRANSPARENT

- Instant adhesion
- Extremely high adhesion strength
- Bonds a large range of materials (*), including porous substrates
- Transparents and easy to use
- Available in different viscosities
- High quality bottle for long shelf life
- AF04 certified by NSF. Others can be also certified

TYPICAL APPLICATIONS

- General assembly of close-fitting parts
- Quick repairs on any material (*)
- Bonding of porous materials like wood, leather...

(*) Except polyolefins

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TECHNICAL DATA

BASE	Ethyl Cyanoacrylate
VISCOSITY	AF00 (1,8-5 cP), AF02 (8-25 cP), AF111 (25-45 cP), AF150 (60-100 cP), AF04 (90-140 cP),, AF200 (230-350 cP), AF06 (900-1.300 cP), AF405 (2.600-3.500 cP)
COLOUR	Transparent
OPERATING THERMAL RANGE	-20 ºC up to +80 ºC
GAP FILLING CAPACITY	Between 0,10mm and 0,20 mm
OPEN TIME	Up to 2 hours, depending on substrate and viscosity

SUBSTRATE	FIXTURE TIME (seconds)	SHEAR STRENGTH (24 h, kg/cm^2)
Beech Wood	AF00: 10-20 AF02: 10-20 AF111: 10-20 AF150: 10-20 AF04: 10-20 AF200: 5-15 AF06: 15-60 AF405: 10-20	AF00: 110-140* AF02: 130-150* AF111: 110-150* AF150: 140-160* AF04: 130-150* AF200: 150-170* AF06: 140-180* AF405: 160-170*
Mild Steel	AF00: 10-20 AF02: 5-10 AF111: 5-10 AF 150: 5-10 AF04: 5-15 AF200: 5-10 AF06: 15-25 AF405: 10-20	AF00: 170-200 AF02: 170-200 AF111: 150-160 AF150: 110-140 AF04: 120-160 AF200: 110-150 AF06: 140-170 AF405: 130-180
ABS	AF00: 20-40 AF02: 5-10 AF111: 5-10 AF 150: 5-10 AF04: 5-15 AF200: 5-10 AF06: 10-30 AF405: 10-20	AF00: 120-130* AF02: 100-120* AF111: 120-130* AF150: 120-130* AF04: 120-130* AF200: 120-130* AF06: 100-120* AF405: 120-130*

AVAILABLE FORMATS

5 g	20 g	50 g	500 g	20 kg
	◆	◆	◆	◆

(*) Substrate failure

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