

AF SERIES

HIGH QUALITY INSTANT ADHESIVES FOR PROFESSIONAL USE

AFINITICA® AF products are a series 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

- Bonds in 15 seconds
- Extremely high adhesion strength
- Bonds a large range of materials (*), including porous substrates
- Transparent and easy to use
- Available in different viscosities: low (AF02), medium (AF04) and high (AF06)
- High quality bottle for long shelf life

TYPICAL APPLICATIONS

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



(*) Except polyolefins

TECHNICAL DATA

BASE	Ethyl Cyanoacrylate
VISCOSITY	AF02 (8-25 cP), AF04 (90-140 cP), AF06 (1050-1500 cP)
COLOUR	Transparent
OPERATING THERMAL RANGE	-20 °C up to +80 °C
GAP FILLING CAPACITY	AF02 (0,10 mm), AF04 (0,15 mm), AF06 (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)
Pine wood	AF02: 30-45 AF04: 20-30 AF06: 10-20	AF02: 60-90 AF04: 90-110* AF06: 100-120*
Beech wood	AF02: 10-20 AF04: 15-30 AF06: 10-20	AF02: 80-100 AF04: 120-140* AF06: 140-180*
Mild Steel	AF02: 10-15 AF04: 15-25 AF06: 5-10	AF02: 190-220 AF04: 180-230 AF06: 140-170
Aluminium A5754	AF02: 20-40 AF04: 10-20 AF06: 5-10	AF02: 60-120 AF04: 80-90 AF06: 20-40
ABS	AF02: 20-30 AF04: 15-45 AF06: 10-15	AF02: 110-120* AF04: 110-120* AF06: 120-130*
Polycarbonate	AF02: 20-40 AF04: 25-45 AF06: 10-15	AF02: 50-60 AF04: 70-80 AF06: 80-110



AVAILABLE FORMATS

5 g	20 g	50 g	500 g	20 kg
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(*) Substrate failure