

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 (40-70cP), AF04 (500-550cP), AF06 (900-1100cP)
COLOUR	Transparent
OPERATING THERMAL RANGE	-40 °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: 20-30	AF02: 59-88 AF04: 91-113* AF06: 115-138*
Beech wood	AF02: 10-20 AF04: 15-30 AF06: 15-60	AF02: 85-96 AF04: 124-139* AF06: 141-147*
Steel	AF02: 10-15 AF04: 15-25 AF06: 15-25	AF02: 197-218 AF04: 178-225 AF06: 161-236
Aluminium A5754	AF02: 20-40 AF04: 10-20 AF06: 10-20	AF02: 61-118 AF04: 86-90 AF06: 60-83
ABS	AF02: 20-30 AF04: 15-45 AF06: 10-30	AF02: 115-121* AF04: 115-121* AF06: 100-118*
Polycarbonate	AF02: 20-40 AF04: 25-45 AF06: 15-30	AF02: 55-62 AF04: 78-82 AF06: 54-75



AVAILABLE FORMATS

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