



Data Sheet

410015

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DESCRIPTION:

Tacusil 410015 is a low viscosity cyanoacrylate instant adhesive with excellent adhesion to plastics and elastomers. It provides high strength bonds within seconds of assembly and achieves full cure within 24 hours of assembly. Tacusil 410015 has been formulated for high performance on plastics and rubbers and is used in applications including white goods assembly, filter assembly, electronic housing assembly and general industrial manufacturing. The one component nature of Tacusil 410015 lends itself to easy automation of dispensing on production lines.

CHARACTERISTICS:

Resin:	Alkyl Cyanoacrylate
Appearance	Clear
Cure Speed with Activator:	<6 seconds
Cure Speed w/o Activator:	15-40 seconds
Viscosity:	35 - 40
Gap Fill:	.004"
Flash Point:	>185°F
Specific Gravity:	1.06
Max. Operating Temp:	-65°F to +185°F
Full Cure Time:	24hrs @ 68°F
Tensile Strength	2,500 – 4,175 psi
Cure Speed	
Metal/Metal:	<15 seconds
Plastic/Plastic:	<10 seconds
Rubber/Rubber:	<5 seconds

CURED SPEED INFLUENCE:

Cyanoacrylates cure confined in close fitting gaps and in the presence of surface moisture on substrates. Cure speed can be negatively influenced by large gap thickness or low humidity environments. Activators can be used to speed up cure speed and cure excess cyanoacrylate outside of the bondline. Use of an activator can reduce bond strength.

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INSTRUCTIONS FOR USE:

1. Ensure parts are clean, dry and free from oil and grease.
2. Apply approximately one drop of adhesive per square inch of bond area. Product performs best with minimal gap between substrates.
3. Hold parts together firmly until handling strength is achieved.
4. Product is normally hand applied from the bottle. Dispensing systems are available for high volume assembly applications.

STORAGE:

Store in a cool area out of direct sunlight. Refrigeration to 5° gives optimum stability.

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