

LOCTITE®

FLEXIBLE INSTANT ADHESIVES

*Stretching the Limits of
Cyanocrilate Adhesive
Technology*



Loctite® 485 I™ and 486 I™ Prism® Instant Adhesives

Expand your design and manufacturing capabilities with Loctite® 485 I™ and 486 I™ Prism® Instant Adhesives. These clear, single-component cyanoacrylate adhesives provide flexible bondlines for applications that must withstand vibration and fatigue.

Softer than traditional cyanoacrylates, these fast-setting adhesives are well suited for bonding delicate, soft, or flexible substrates that are prone to “knife-edging”, cracking, or tearing caused by rigid bondlines. Typical applications include bonding gaskets, surrounds, cones and other components in loudspeaker assemblies, bonding flexible tubing or balloons in medical devices, and general-purpose bonding of rubber, plastic, paper, leather, fabric and metal substrates.



Key Benefits:

- Increased Flexibility
- Soft, Transparent Bondlines
- Improved Elongation
- Versatile – Bond to a variety of substrates
- Improved Thermal Cycling Performance
- ISO-10993 Compliant

Performance Data*		
	Loctite® 485 I™ Prism® Instant Adhesive	Loctite® 486 I™ Prism® Instant Adhesive
Chemical Type	Alkyl Cyanoacrylate	Alkyl Cyanoacrylate
Appearance	Clear Colorless Liquid	Clear Colorless Liquid
Viscosity @ 25°C	400 cP	4,000 cP
Fixture Time (substrate dependent)	5 - 30 seconds	3 - 25 seconds
Hardness	85 Shore A	85 Shore A
Shear Strength (grit blasted steel)	1885 psi	2030 psi
Elongation to Break	5%	5%

Ordering Information		
	Loctite® 485 I™ Prism® Instant Adhesive	Loctite® 486 I™ Prism® Instant Adhesive
20 gm bottle	37732	37708
1 pound bottle	37733	37711

*Typical values. Refer to Technical Data Sheets for further information at www.loctite.com.

ISO-10993
Compliant
for Medical
Devices

Difficult Bonding Applications:

For difficult-to-bond substrates such as polyethylene and polypropylene, use Loctite® 485 I™ and 486 I™ Prism® Instant Adhesives with Loctite® Polyolefin Primers.

Faster Fixture Speed Applications:

To achieve faster fixture speeds, use Loctite® 485 I™ and 486 I™ Prism® Instant Adhesives with Loctite® Liquid Accelerators.



Loctite® 485 I™ and 486 I™ Prism® Instant Adhesives are flexible adhesives designed for the assembly of loudspeakers, medical devices, and flexible components.

Dispensing Equipment:

Loctite® 485 I™ and 486 I™ Prism® Instant Adhesives can be dispensed manually or with Loctite® semi-automatic dispensing systems.



Contact Us at 1.800.LOCTITE (562.8483) or www.loctite.com to obtain the following:

- Application Assistance • TDS • MSDS • Samples • Dispensing/Curing • Nearest Distributor

Henkel Corporation
Engineering, Assembly, & Maintenance Technologies

1001 Trout Brook Crossing • Rocky Hill, CT, 06067, USA (800) 562-8483 • www.henkel.us • www.loctite.com

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