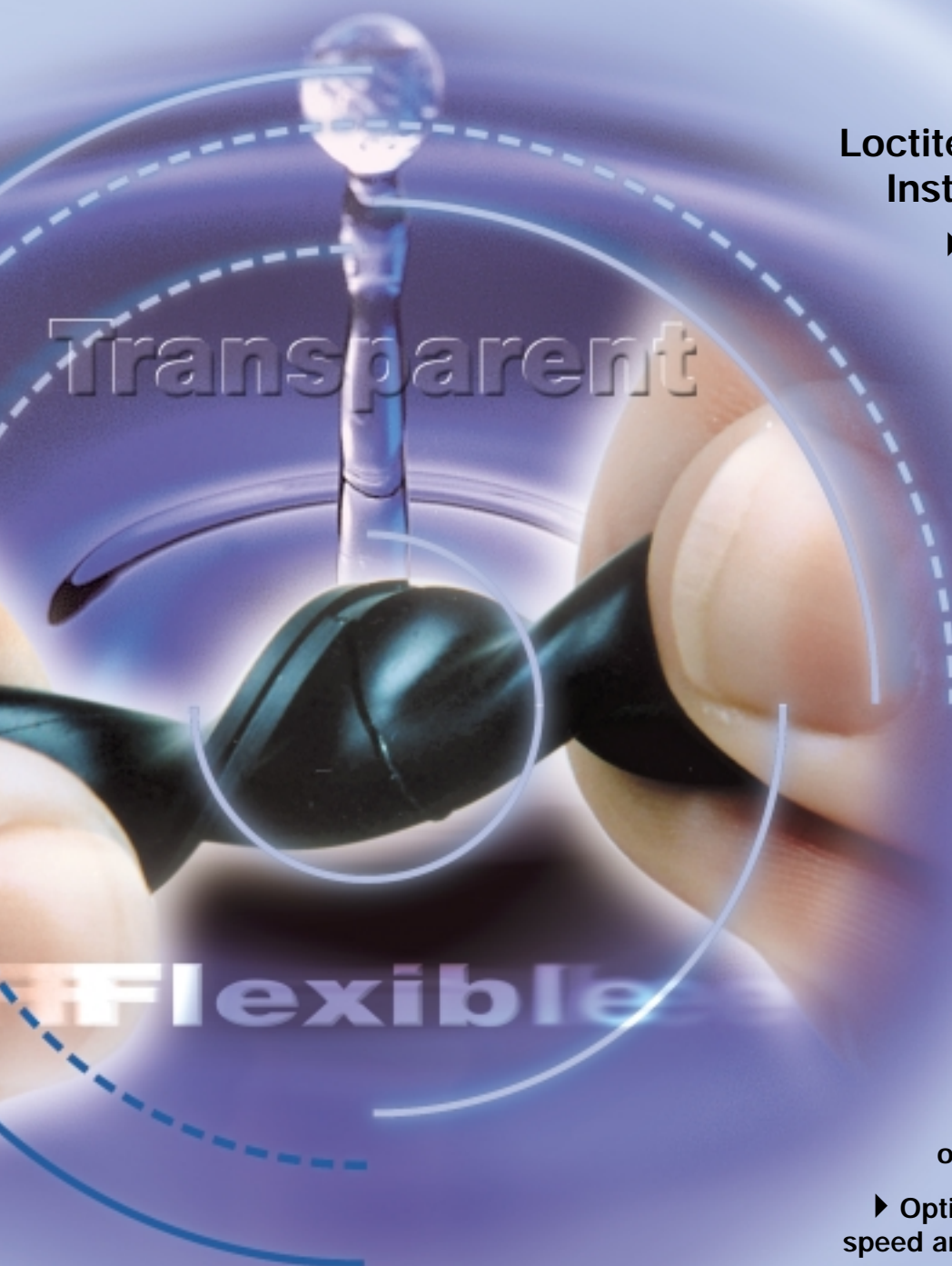


LOCTITE®

The First Flexible and Transparent Instant Adhesives



Loctite Flexible Instant Adhesives

- ▶ Highly flexible and transparent bond line
- ▶ Fast curing – fixture in seconds
- ▶ For use with or without Loctite Instant Adhesive Activators or Primers
- ▶ Versatile – Bond a variety of dissimilar materials
- ▶ High strength, durable bond

Loctite Activator

- ▶ Excellent cosmetic appearance of cured Adhesive
- ▶ Reduces cure time
- ▶ Fluorescent for easy detection
- ▶ Can be applied before or after adhesive
- ▶ Optimum combination of speed and bond strength

Product Range

Loctite introduces two new instant adhesives with exceptional flexibility and high transparency. Based on a technological breakthrough, they combine all the advantages of Loctite Instant Adhesives – fast curing, versatility and strength – with a transparent and flexible bond. These new adhesives are

particularly suitable for the bonding of flexible materials including paper, card, rubber, leather, plastic and a wide range of fabrics. In addition, a new low odour activator will accelerate the cure of all Loctite Instant Adhesives, providing the optimum combination of speed and bond strength with extremely low blooming.

Loctite 4850

Flexible Instant Adhesive

- Especially designed for bonding flexible materials
- General purpose
- Medium viscosity, fast curing, transparent adhesive
- Suitable for the assembly and repair of flexible materials and components

Typical application areas:

Used in the manufacture, maintenance and repair of flexible gaskets, gaiters and seals as well as industrial clothing / footwear.

Loctite 4860

Flexible Instant Adhesive

- Especially designed for bonding flexible materials
- High viscosity, fast curing, transparent adhesive
- Suitable for use with porous substrates including paper, card and fabrics.

Typical application areas:

Bonding materials used in the manufacture of flexible gaskets and seals, gaiters, as well as loudspeaker assembly.

Loctite 7458

Activator for all Loctite Instant Adhesives

- Accelerates the cure speed of all Loctite Instant Adhesives
- Low-odour
- Minimises post cure blooming while optimising bond strength

Typical application areas:

Any application where the speed of cure and aesthetics requirements are critical to ensure a neat and consistent bond-line such as the manufacture of loudspeakers, cosmetic packaging and enclosures for electronic devices.



Technical Summary table

Product number	4850	4860	Product Number	7458
Colour	transparent, colourless	transparent, colourless	Colour	colourless
Viscosity (at 25° C)	250 – 500 mPas	3000 – 5500 mPas	Drying time (at 25° C)	approx. 40 s
Fixture time paper	< 5 s	< 5 s	On part life	24 hrs
Tensile Shear Strength (GBMS), RT	11 N/mm ²	10 N/mm ²	CA fillet cure time	
Operating temperature	< 80° C	< 80° C	a. skin	approx. 5 s
Shore hardness	85 Shore A	85 Shore A	b. through volume	< 60 s
Elongation to break	5 %	5 %	Solvent	> 90 % Heptane
Soft joints	yes	yes	Flash point	-1° C
Pack sizes	5g; 20g; 500g bottles	20g; 500g bottles	Fluorescence	yes
			Pack sizes	500ml can

The new Instant Adhesive Range is only one group of products specially developed by Loctite. For an update on a variety of other products available go to www.loctite.com. The latest literature and news about Loctite products and applications can then be yours in an internet instant.

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