

LOCTITE®



LOW PRESSURE MOLDING FOR MEDICAL DEVICES

Henkel hotmelt adhesives provide sustainable alternative to potting and injection molding

LOCTITE® PA 6732
LOCTITE® PA 6682

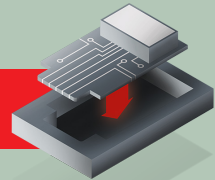
Henkel hotmelt adhesives provide sustainable alternative to potting and injection molding

- › Comprised of high bio-renewable raw material content (typically 65 to 90%)
- › No VOCs, minimal waste, solvent free, RoHS and REACH compliant
- › Tested to ISO-10993 biocompatibility standards, including skin sensitization

Medical applications include surgical tools, sensors, PCBs, batteries, tube sets and connectors, catheters, housings, pulse oximeters, wearables and other medical equipment.

STEP 1

INSERT ELECTRONICS



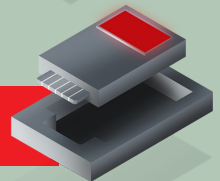
STEP 2

MOLD



STEP 3

TEST DEVICE



**PIONEERS AT HEART
FOR THE GOOD OF GENERATIONS**



Henkel
Adhesive
Technologies

LOCTITE® Low Pressure Molding offers a gentle encapsulation process with adhesive molding compounds to achieve the ultimate seal and robust “molded-on protection.”

For more information, contact us at industrials@henkel.com or visit <https://henkel-adhesives.com/lowpressuremolding>

KEY TECHNICAL PROPERTIES	LOCTITE® PA 6732	LOCTITE® PA 6682
Base	Polyamide	Polyamide
Color	Amber	Clear
Service Temperature	-40 – 140	-25 – 105
Viscosity at 210°C cP	3,200	3,200
Shore Hardness	90A	90A
Tensile Break Strength (N/mm ²)	6	7.0
Elongation At Break (%)	400	600
Application	Melt Tank with Gear Pump	Melt Tank with Gear Pump
Typical Application Temperature	210°C to 240°C	190°C to 230°C



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