

802 Super glue-30g, 50g and 100

PRODUCT DESCRIPTION

SOFLUORO GP-30/H-30 provides the following product characteristics:

Technology	Cyanoacrylate
Chemical Type	Ethyl Cyanoacrylate
Appearance (uncured)	Transparent, colorless to pale yellow liquid
Components	One part - requires no mixing
Cure	Humidity

SOFLUORO GP-30/H-30 has low odor and low blooming properties. The product provides rapid bonding of a wide range of materials, including metals, plastics and elastomers. It is also suited for bonding porous or absorbent materials such as wood, paper, leather and fabric.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Viscosity, Brookfield, DV2TRV, SC4-21, cP: 290-350

Temperature: 25 °C, Spindle: SC4-21, Speed: 50 rpm

TYPICAL CURING PERFORMANCE

Under normal conditions, the atmospheric moisture initiates the curing process. Although full functional strength is developed in a relatively short time, curing continues for at least 24 hours before full chemical resistance is developed.

CURE SPEED VS. SUBSTRATE @22 °C, RH 50 %

Fixture time is the time at which an adhesive bond (250 mm²) is capable of supporting a 3 kg load for 10 seconds. The fixture time will depend on the substrate. The table below shows the fixture time for different substrates using lap shears.

Substrate	Time/s
-----------	--------

Steel	20-40
EPDM	3-6
ABS	10-30

TENSILE SHEAR STRENGTH

The shear strength will depend on the substrate. The table below shows the shear strength for different substrates using lap shears according to ISO 4587.

Substrate	Shear Strength/ MPa
Steel	18-20
ABS	4-7
Beech Wood	10-15
Aluminum	4-7

HEAT AGING

Heat Aging at 82 °C for 3 days. Aged at temperature indicated and tested at 25 °C; Platinum-cobalt color-code standards used for evaluation.

Item	Value
Viscosity ratio @82 °C, 3d	≤1.50
Color number of accelerated aging @82 °C, 3d / Hazen	≤60

STORAGE

Store product in the unopened container in a dry location. Optimal Storage: 2 °C to 8 °C.