

## PRODUCT DESCRIPTION

DELTA D560 is an anaerobic single component product suitable to seal metal threaded joints in accordance to DIN Standard up to 2' against water, compressed air, gas, gasoline, GPL, in private and industrial plants. The product cures spontaneously and rapidly when confined in absence of air between close metal surfaces.

DELTA D560 is a high viscosity silver-grey paste used to repair worn areas and restore correct fit. It is suitable to rebuild joints and damaged parts such as bearing shafts and scratched / scored keyways.

## PROPERTIES OF UNCURED MATERIAL

NATURE: Methacrylic Anaerobic Resin

COLOR: Silver / Grey

VISCOSITY 25°C (Brookfield 5 rpm) : 100.000-200.000 mPa.s

SPECIFIC GRAVITY (g/ml): 1,09

FLASH POINT: >100°C

PRODUCT STORAGE: Cool and dry place

SHELF LIFE: 16 months at temperature +5 ° C to +28 ° C.

Technical data referring to test in according to ISO 10964 on M10 x 20 qly 8.8 zinc nut and bolt (bolt 0,8 h) - at 25°C. Break torque after 24 hours

## FEAUTES OF CURED PRODUCT

HANDLING CURE TIME: 10-15 minutes

BREAKAWAY TORQUE ISO-10964: 30-40 N.m

PREVAILING TORQUE ISO-10964: 25-35 N.m

FUNCTIONAL CURE TIME: 3-6 hours

FULL CURE TIME: 12-24 hours

TEMPERATURE RANGE: -50°C +150°C

MAX GAP FILL: 0,35 mm

## POLIMERIZATION INFORMATIONS

Curing times dependent on factors such as, kind of metals and gap fill dimensions.

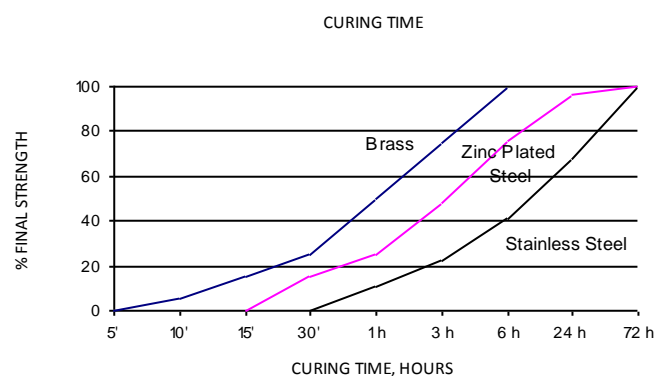
The graph below shows the strength developed with time on different types of metal. The different materials have been tested according to ISO 10964. The temperature range of cure is from +20°C to +25°C. Low temperatures from +5°C to +20°C increases curing time, higher temperature reduce polymerization time.

## CHEMICAL RESISTANCE

Test method DIN-54454

Breakaway torque % after immersion.

	T °C	100 h	500 h	1000 h
Water/Glycol	85	100	100	100
Brake Fluid	22	100	100	100
Motor Oil	125	100	100	95
Acetone	22	100	100	95



## INSTRUCTION FOR USE

This product is not suitable for metal-plastic couplings and oxygen facilities as well as for the sealing of basic products or systems with strong oxidizing acids. Use only on standard metal threads. Surface must be clean and free of grease. For this, use the degreaser product Delta D406. Apply product to completely fill the gap or worn area (male and female parts), assemble parts and fully reassemble ensuring all fittings are fully tightened. Before operating the system to leave 24 hours to allow complete curing of the adhesive. In case of passive surfaces and/or low temperature a fast cure can be obtained using Delta D405 Activator. Consult the MSDS before use.

## GENERAL INFORMATION

The data contained in this document is provided for information purposes only and is as a result of tests carried out in our own laboratories. DELTA ensures consistent quality in relation to their own specifications. We can not take responsibility for results obtained by others where the methods of work are not under our direct control. It is your responsibility to verify the validity of the product characteristics in relation to its production needs and to take all necessary measures for the protection of people and things from the situations that may occur with the implementation of the product. DELTA disclaims all express and / or tacit responsibility for damages of any kind, consequential or incidental inappropriate use of DELTA product, including lost profits.