

## MODESIL NO13 sealant used with Master Flash® products

### Technical Data Sheet

#### 1.1. MODESIL NO13 – Product Description

- MODESIL NO13 is a single-component, flexible sealing agent with an acetate curing system. Produces a durable and highly flexible seal with very good adhesion to metal, glass and ceramics. The seal is durable and resistant to temperature up to 250°C. It is also UV stable.
- Intended for bonding and sealing stainless steel / metal - ceramic plate / glass, and glass – glass; also for sealing elements of various metals such as copper, brass, galvanised sheet metal, steel, stainless steel, wood both painted unpainted, glass, ceramics and certain plastic materials.

#### 1.2. Technical Specification

<b>Curing system</b>	Oxime
<b>Density [ g/cm<sup>3</sup> ]:</b>	1,01
<b>Hardness after 14 days [ Shore A ]</b>	30
<b>Transverse elastic modulus in +23°C according to ISO 8339 [ N/mm<sup>2</sup>]</b>	0,4
<b>Elongation at break in +23°C according to ISO 8339 [%]</b>	190
<b>Surface drying time [min]</b>	~10
<b>Application temperature [ °C ]:</b>	+5 to +40
<b>Storage temperature [ °C ]:</b>	+5 to +35
<b>Thermal resistance [ °C ]:</b>	-40 to +250
<b>Shelf life</b>	12 months from production date
<b>Deep curing time</b>	2mm/24h
<b>Colour</b>	Transparent
<b>Efficiency</b>	An 80ml tube yields around 4,8 meters of 4x4mm seal
<b>Packaging</b>	40ml and 80ml
<b>Tearing resistance according to SCHOTT procedure</b> - after 7 days in room temperature: - after 7 days in room temperature and 60 days in 175°C	1,14 MPa  1,00 MPa