



# TECHNICAL DATA SHEET 410016

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## **DESCRIPTION:**

Tacusil 410016 is a black cyanoacrylate adhesive which has been developed for all applications under thermal and/or climatic conditions. The product shows excellent resistance against dynamic loads like impacts or vibrations. Due to its short-term temperature resistance up to 140 °C, it is also suitable for SMD technique, where later soldering bath is requested.

The black color allows the use in loudspeaker application, too.

**TYPICAL PROPERTIES:** All properties given are at 23 °C unless otherwise noted.

<i>Property:</i>	<i>Value:</i>	<i>Unit:</i>
Chemical Base	Cyanoacrylicacid-ethylester	
Color	Black	
Viscosity		
Brookfield-RVT, 25°C, spindle 3 @100U/min	300~500	mPas
Cone-plate-system, 25°C Shear rate 1000S <sup>-1</sup>	80~180	mPas
Density	1.06	g/cm <sup>3</sup>
Hardness	65-75	Shore D
Flashpoint	87	°C
Thermal Range	-55 to 120	°C
Fixture Time on:		
Aluminum /Aluminum	25~45	seconds
NBR/NBR	<25	seconds
Neoprene/Neoprene	<25	seconds
Final strength	24	hours
Tensile Shear Strength on:		
Steel/Steel	>20	N/mm <sup>2</sup>
Shelf life @ room temperature	9	months

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