

Product Data Sheet



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Product Name	SiC Foil
Cat. no.	
40400200	SiC Foil # 80, 200 mm (8") dia.
40400201	SiC Foil # 120, 200 mm (8") dia.
40400202	SiC Foil # 180, 200 mm (8") dia.
40400203	SiC Foil # 220, 200 mm (8") dia.
40400204	SiC Foil # 320, 200 mm (8") dia.
40400205	SiC Foil # 500, 200 mm (8") dia.
40400206	SiC Foil # 800, 200 mm (8") dia.
40400207	SiC Foil # 1000, 200 mm (8") dia.
40400208	SiC Foil # 1200, 200 mm (8") dia.
40400209	SiC Foil # 2000, 200 mm (8") dia.
40400211	SiC Foil # 4000, 200 mm (8") dia.
40400220	SiC Foil # 80, 250 mm (10") dia.
40400221	SiC Foil # 120, 250 mm (10") dia.
40400222	SiC Foil # 180, 250 mm (10") dia.
40400223	SiC Foil # 220, 250 mm (10") dia.
40400224	SiC Foil # 320, 250 mm (10") dia.
40400225	SiC Foil # 500, 250 mm (10") dia.
40400226	SiC Foil # 800, 250 mm (10") dia.
40400227	SiC Foil # 1000, 250 mm (10") dia.
40400228	SiC Foil # 1200, 250 mm (10") dia.
40400229	SiC Foil # 2000, 250 mm (10") dia.
40400231	SiC Foil # 4000, 250 mm (10") dia.
40400240	SiC Foil # 80, 300 mm (12") dia.
40400241	SiC Foil # 120, 300 mm (12") dia.
40400242	SiC Foil # 180, 300 mm (12") dia.
40400243	SiC Foil # 220, 300 mm (12") dia.
40400244	SiC Foil # 320, 300 mm (12") dia.
40400245	SiC Foil # 500, 300 mm (12") dia.
40400246	SiC Foil # 800, 300 mm (12") dia.
40400247	SiC Foil # 1000, 300 mm (12") dia.
40400248	SiC Foil # 1200, 300 mm (12") dia.
40400249	SiC Foil # 2000, 300 mm (12") dia.
40400251	SiC Foil # 4000, 300 mm (12") dia.
40400260	SiC Foil # 80, 350 mm (14") dia.
40400261	SiC Foil # 120, 350 mm (14") dia.
40400262	SiC Foil # 180, 350 mm (14") dia.
40400263	SiC Foil # 220, 350 mm (14") dia.
40400264	SiC Foil # 320, 350 mm (14") dia.
40400265	SiC Foil # 500, 350 mm (14") dia.
40400266	SiC Foil # 800, 350 mm (14") dia.
40400267	SiC Foil # 1000, 350 mm (14") dia.
40400268	SiC Foil # 1200, 350 mm (14") dia.
40400269	SiC Foil # 2000, 350 mm (14") dia.
40400271	SiC Foil # 4000, 350 mm (14") dia.

Revision 24-01-2017

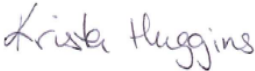
Description	Grinding surface with foil backing.
Material	Foil coated with silicon carbide grains in resin binder.
Properties	PET foil backing to be applied on Struers MD-Gekko or Gekko PSA.
Application	For wet grinding of materials with hardness 30 - 800 HV.
Health and Safety	<ul style="list-style-type: none"> - Whilst rotating, ensure hands are kept well clear of the edge and out of the splash bowl. - Do not exceed a rotational speed of 600 rpm. <p>To the best of Struers' knowledge, the products listed above do not contain any Substances of Very High Concern (SVHC) according to REACH regulations (amended on 20th June 2016) at or above 0.1%.</p> <p>According to OSHA's Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200 paragraph (c) this product is considered an article and defined as <i>"a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees"</i>.</p> <p>Therefore this product is exempted from HCS 2012 obligations on classification and labelling under stated normal conditions of use (29 CFR 1910.1200 (b)(6)(v)).</p> <p>See the Instructions for Use for more information.</p>
Skin protection	Wear protective gloves during prolonged grinding.
Respiratory Protection	It is recommended that the grinding machine is adequately ventilated during use of SiC Foil.
Environmental precautions	Dispose of waste and residues as metal waste in accordance with local regulations.

Grit/Grain size comparison*- Struers grinding papers are classified according to FEPA Standards (Federation of the European Producers of Abrasives). US Grit Numbers and those specified by FEPA and corresponding average grain diameter in microns are shown.

FEPA P (Europe)	#80	#120	#180	#220	#320	#500	#800	#1000	#1200	#2000	#4000**
ANSI/CAMI (US)	#80	#120	#180	#220	#280	#360	#400	#500	#600	#1000	#1200
Grain size	200µm	125µm	82µm	68µm	46µm	30µm	22µm	18µm	15µm	10µm	5µm

*) Guideline values only
**) Not part of FEPA P standardization

Approved by:



Krista Huggins

Chemical Safety Specialist
Struers ApS.