

Product Data Sheet



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Product Name

Silicon Carbide Grinding Paper (SiC Paper)

Cat. no.

40400056	SiC Paper # 80, 200 mm (8") dia.
40400057	SiC Paper # 120, 200 mm (8") dia.
40400058	SiC Paper # 180, 200 mm (8") dia.
40400125	SiC Paper # 220, 200 mm (8") dia.
40400008	SiC Paper # 320, 200 mm (8") dia.
40400009	SiC Paper # 500, 200 mm (8") dia.
40400010	SiC Paper # 800, 200 mm (8") dia.
40400011	SiC Paper # 1000, 200 mm (8") dia.
40400012	SiC Paper # 1200, 200 mm (8") dia.
40400013	SiC Paper # 2400, 200 mm (8") dia.
40400014	SiC Paper # 4000, 200 mm (8") dia.
40400181	SiC Paper # 2000, 200 mm (8") dia.
40400182	SiC Paper # 4000, 200 mm (8") dia.

40400059	SiC Paper # 80, 230 mm dia.
40400060	SiC Paper # 120, 230 mm dia.
40400061	SiC Paper # 180, 230 mm dia.
40400126	SiC Paper # 220, 230 mm dia.
40400019	SiC Paper # 320, 230 mm dia.
40400020	SiC Paper # 500, 230 mm dia.
40400021	SiC Paper # 800, 230 mm dia.
40400022	SiC Paper # 1000, 230 mm dia.
40400023	SiC Paper # 1200, 230 mm dia.
40400024	SiC Paper # 2400, 230 mm dia.
40400025	SiC Paper # 4000, 230 mm dia.
40400183	SiC Paper # 2000, 230 mm dia.
40400184	SiC Paper # 4000, 230 mm dia.

40400065	SiC Paper # 80, 250 mm (10") dia.
40400066	SiC Paper # 120, 250 mm (10") dia.
40400067	SiC Paper # 180, 250 mm (10") dia.
40400127	SiC Paper # 220, 250 mm (10") dia.
40400069	SiC Paper # 320, 250 mm (10") dia.
40400070	SiC Paper # 500, 250 mm (10") dia.
40400071	SiC Paper # 800, 250 mm (10") dia.
40400072	SiC Paper # 1000, 250 mm (10") dia.
40400073	SiC Paper # 1200, 250 mm (10") dia.
40400026	SiC Paper # 2400, 250 mm (10") dia.
40400027	SiC Paper # 4000, 250 mm (10") dia.
40400185	SiC Paper # 2000, 250 mm (10") dia.
40400186	SiC Paper # 4000, 250 mm (10") dia.

40400062	SiC Paper # 80, 305 mm dia.
40400063	SiC Paper # 120, 305 mm dia.
40400064	SiC Paper # 180, 305 mm dia.
40400128	SiC Paper # 220, 305 mm dia.
40400032	SiC Paper # 320, 305 mm dia.
40400033	SiC Paper # 500, 305 mm dia.
40400034	SiC Paper # 800, 305 mm dia.

40400035	SiC Paper # 1000, 305 mm dia.
40400036	SiC Paper # 1200, 305 mm dia.
40400037	SiC Paper # 2400, 305 mm dia.
40400038	SiC Paper # 4000, 305 mm dia.
40400187	SiC Paper # 2000, 305 mm dia.
40400188	SiC Paper # 4000, 305 mm dia.
40400041	SiC Paper # 220, 18 m x 7.5 cm (Rolls)
40400042	SiC Paper # 320, 20 m x 7.5 cm (Rolls)
40400043	SiC Paper # 500, 20 m x 7.5 cm (Rolls)
40400044	SiC Paper # 1000, 25 m x 7.5 cm (Rolls)

Revision	27-01-2017
Description	Grinding paper with plain backing.
Material	Paper coated with silicon carbide grains in resin binder.
Properties	Round sheets to be applied on Struers Wet Grinding Discs, MD-Fuga or Adhesive Discs on grinding/polishing discs. Rolls are used on Lunn-Major and Lunn-Labor.
Application	For wet plane/fine grinding of materials with hardness 30 - 800 HV with the exception of 30 - 400 HV for # 2000, #2400 and # 4000. Roll. Plain back.
Health and Safety	<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>
Skin protection	Wear protective gloves during prolonged grinding.
Respiratory Protection	It is recommended that the grinding machine is adequately ventilated during use of SiC Grinding Paper. No personal respiratory protective equipment normally required.

Environmental precautions

Depending on type of material being ground, dispose of waste and residues in accordance with local regulations.

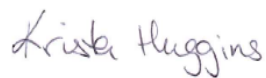
Grit/Grain size comparison*- Struers grinding papers are classified according to FEPA Standards (Federation of the European Producers of Abrasives). US Grit Numbers and those specified by FEPA and corresponding average grain diameter in microns are shown.

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.