RKS · GERMANY

RKS CARBON BW

SQUEEGEES AND TOOLS / SQUEEGEE BLADES



OVERVIEW

Multi-component hybrid squeegee with a next-generation carbon carrier and a printing edge made from the RKS HT polyurethane, thermally moulded (not glued) and delivered ready to print.

BRAND	RKS
COUNTRY	Germany
MODEL	CARBON BW
SERIES	RKS Carbon (stabilised, carbon-fibre carrier)
CATEGORY	Squeegees and tools
TYPE	Squeegee blades

01 SPECIFICATIONS

Material	Carbon carrier (next generation of carbon) with RKS HT polyurethane printing edge, thermally impacted and moulded, not glued
Carrier thickness (a)	1.2 mm / 1.7 mm / 2.5 mm
Blade height (b)	25 / 30 / 40 / 50 / 65 / 95 / 105 / 115 mm
PU thickness (c)	3 mm / 6 mm / 8 mm
Shore hardness	55° / 65° / 75° / 85°
Available chamfers (edge)	4 mm/45°, 3 mm/45°, 2 mm/45°, 1 mm/45°, 0.5 mm/45°
Production length	approx. 2800 mm; 100 mm to 2800 mm freely selectable
Line fineness	down to less than 30 µ (Printed Electronics page: finest results <= 50 µ)
Anti-static	Anti-static effect from a carrier thickness of at least 1.7 mm and special grinding; discharge via machine earthing (contact RKS)
Machine types (Printed Electronics)	ASMPT (DEK), Applied (Baccini), Aurel, EKRA/ASYS, Dubuit, HMI JRT and others
Further dimensions	on request

02 FEATURES

- Ready-to-print delivery with an absolutely defined, plane-parallel pre-ground printing edge
- Extremely long service life
- Truly plane-parallel clampable - passes every light gap test
- Variable bending elasticity with permanently constant angles
- No change of printing angle through absorption of solvents or monomers
- High printing speeds; anti-static effect from 1.7 mm carrier

03 APPLICATIONS

- Printed electronics / solar (paste printing, silver and aluminium pastes)
- Series production needing reproducible paste/ink deposit
- Extreme line fineness or extremely high layer thicknesses depending on carrier, hardness and chamfer

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PRODUCT PAGE

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