

DSM 5.1.0
RKS PRINTAN MONOFLEX
Polyurethane (Squeegee)

**General:**

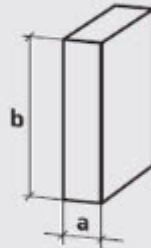
This is a universal, colour- coded squeegee material for most applications.
Available in common sizes and profiles.
Hardness range from 65 SHORE A to 95 SHORE A
Sizes & profiles customisable on request.

Benefits:

- Good resistance to UV inks.
- Good resistance to printing with solvent based inks.
- Good surface texture.
- Good swelling resistance.
- Good abrasion resistance.
- Low compression set.
- Good wear resistance / material handing properties.
- Good heat stability.

Standard Sizes:

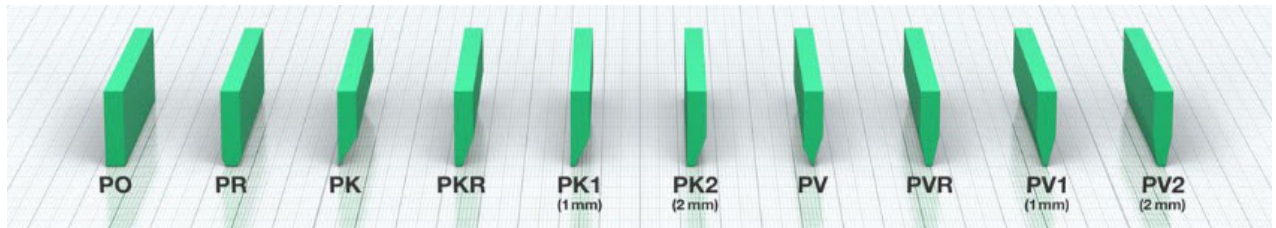
b \ a	5 mm	6 mm	7 mm	8 mm	9 mm	10 mm
20 mm	✓	✓	✓	✓	✓	✓
25 mm	✓	✓	✓	✓	✓	✓
30 mm	✓	✓	✓	✓	✓	✓
35 mm	✓	✓	✓	✓	✓	✓
40 mm	✓	✓	✓	✓	✓	✓
50 mm	✓	✓	✓	✓	✓	✓



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Standard Profiles:



Properties / Drawing call-out:

PROPERTIES		Tolerance "+/-"	Testing By	Hardness						
Hardness	Shore A	5	DIN 53 505	65	70	75	80	85	90	95
Abrasion Resistance	mm ³	<	DIN 53 516	32	32	27	27	25	24	24
Tensile Strength	N/mm	<	DIN 53 504	37	39	40	42	43	46	48
Tensile at Break Point	%	>	DIN 53 504	1150	1200	1300	1350	1400	1460	1500
Rebound Elasticity	%		DIN 53 512	60	63	65	60	50	40	42
Further Tear Resistance	N/mm	>	DIN 53 515	27	33	41	46	49	50	53
Compression Set	%		DIN 53 517							
20%, 20°C, 72h				10	10	20	20	20	20	20
20%, 20°C, 24h				20	20	30	30	30	30	30
Density	g/cm ³		DIN 53 479	1,27	1,27	1,27	1,30	1,30	1,30	1,30
Colour					Neutral				Neutral	Neutral

Vendor Web Site:

<http://www.rk-siebdruck.de/de.html>

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