

R-Flex abrasives

...are used for finishing and polishing all kinds of surfaces. Despite their elastic construction, R-Flex Abrasives boast a long service life with high dimensional stability throughout their use.

Mounting Points

...are available in numerous sizes and grains. They are used for apparatus and container construction, in the aviation and automobile industries, as well as in the food and chemicals sectors.

Mottling Points

...produce outstanding surface effects with a uniform finish. R-Flex Mottling Points are used successfully for working stainless steel and aluminium for the construction of containers and large-scale catering equipment.

The Sandflex Hand Block

...cleans, polishes and mat-finishes a large variety of materials including metal, wood, paints, plastics, rubber and paper. In addition to its commercial applications, the Sandflex Hand Block is also excellent for car care and jobs around the house like cleaning iron sole-plates, ski edges etc. Sandflex performs even better when used with water, soap, paraffin oil or pastes. With four different grain sizes to choose from, you will find the right product for all types of materials and jobs.



R-Flex wheel

R-Flex wheels are, depending on the application, available with silicon carbide or corundum grit in different binding hardnesses and dimensions. Typical applications are e.g. deburring plastic parts, giving surgical instruments their final finish, sharpening knives, etc.

R-Flex wheels are, due to their elastic attachment, easy to shape and adjust to the contours of the tool during grinding.

Types of bonding		Maximum operating speed
Z	tough, hard wearing	up to 30 m/s
E	non clogging, free cutting (ideal for aluminium)	up to 15 m/s
W	soft and pliable (ideal for stainless steel)	up to 5 m/s

Description	Type	Page	Material applications											
			Iron	Steel	Stainless steel	NF-metals	Wood	Paint / Varnish	Glass / Stone	Plastic	Leather	Paper	Ceramic	Porcelain
R-Flex	RFS 651 bond E	261			●	●								
	RFM 652 bond E	262				●								
	RFR 654 bond Z / E	264	●	●	●	●	○	○	○	●			○	○
Sand Flex	SFM 656 bond W	262			●									
	SFK 655 block	263, 264	●	●	●	●	●	●	●	●	●	●	●	●

● = main application ○ = possible application

Flexible abrasives

Mounted points, mottling points

R-Flex mounted points

RFS 651

Advantages

Versatile mounted points for cleaning and finishing ■ Soft abrasion due to elastic structure ■ Can be used until completely worn down



Applications:

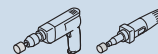
- Aluminium
- Stainless steel
- NF metals

Bonding agent

Plastic

Grain

Aluminium oxide



Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■			■				■												

Diameter x Height x Shaft in mm	Grit	Bonding agent	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number		
40 x 15 x 6	60	E	15 m/s	7,000 rpm	10	14006		
40 x 15 x 6	120	E	15 m/s	7,000 rpm	10	14007		
40 x 15 x 6	240	E	15 m/s	7,000 rpm	10	14008		
50 x 10 x 6	240	E	15 m/s	5,700 rpm	10	14012		
60 x 30 x 6	60	E	15 m/s	4,800 rpm	10	14030		
60 x 30 x 6	120	E	15 m/s	4,800 rpm	10	14031		
60 x 30 x 6	240	E	15 m/s	4,800 rpm	10	14032		

Please observe: Please see Applications Guide on page 260.

R-Flex mottling points

RFM 652



Advantages

Produces a satin surface scratch pattern ■ Soft abrasion due to elastic structure ■ Can be used until completely worn down

Applications:

- Aluminium
- NF metals

Bonding agent

Plastic

Grain

SiC



Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■			■																

Diameter x Height x Shaft in mm	Grit	Bonding agent	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number		
30 x 30 x 6	60	E	8 m/s	5,000 rpm	10	14033		
30 x 30 x 6	120	E	8 m/s	5,000 rpm	10	14034		
40 x 30 x 6	120	E	8 m/s	3,800 rpm	10	14036		
50 x 30 x 6	60	E	8 m/s	3,000 rpm	10	14037		
50 x 30 x 6	120	E	8 m/s	3,000 rpm	10	14038		

Sandflex mottling points

SFM 656



Advantages

Produces a glossy finish on stainless steel surfaces ■ Soft abrasion due to elastic structure ■ Can be used until completely worn down

Applications:

- Stainless steel

Bonding agent

Plastic

Grain

SiC



Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■			■																

Diameter x Height x Shaft in mm	Grit	Bonding agent	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number		
30 x 30 x 6	60	W	5 m/s	3,200 rpm	10	13856		
30 x 30 x 6	120	W	5 m/s	3,200 rpm	10	13857		
40 x 30 x 6	60	W	5 m/s	2,400 rpm	10	13859		
40 x 30 x 6	120	W	5 m/s	2,400 rpm	10	13860		

Continuation →

ATTENTION: Continuation of SFM 656, Sandflex mottling points

Diameter x Height x Shaft in mm	Grit	Bonding agent	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number		
50 x 30 x 6	60	W	5 m/s	1,900 rpm	10	13862		
50 x 30 x 6	120	W	5 m/s	1,900 rpm	10	13863		
60 x 30 x 6	60	W	5 m/s	1,600 rpm	10	13865		
60 x 30 x 6	120	W	5 m/s	1,600 rpm	10	13866		

Hand block
SFK 655

Advantages

Universal hand block for cleaning and finishing ■ Can be used on many materials ■ Cleaning performance is significantly increased by use of additives ■ Soft abrasion due to elastic structure ■ Can be used until completely worn down

Applications:

- Paint/Varnish
- Glass/Stone
- Wood
- Plastic
- Leather
- Metals

Bonding agent

Plastic

Grain

SiC


Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
		■				■			■				■												

Width x Length x Height in mm	Grit	Packing unit/pcs.	Cat. number		
80 x 50 x 20	30	18 pcs. in display	13800		
80 x 50 x 20	60	18 pcs. in display	13801		
80 x 50 x 20	120	18 pcs. in display	13802		
80 x 50 x 20	240	18 pcs. in display	13803		
150 x 80 x 20	30	1	13804		
150 x 80 x 20	60	1	13805		
150 x 80 x 20	120	1	63231		
150 x 80 x 20	240	1	13807		

Hand block
SFK 655

Advantages

Universal hand block for cleaning and finishing ■ Can be used on many materials ■ Cleaning performance is significantly increased by use of additives ■ Soft abrasion due to elastic structure ■ Can be used until completely worn down

Applications:

- Paint/Varnish
- Glass/Stone
- Wood
- Plastic
- Leather
- Metals

Bonding agent

Plastic

Grain

SiC


Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
		■				■			■				■												

Width x Length x Height in mm	Grit	Packing unit/pcs.	Cat. number
80 x 50 x 20	60, 120, 240	1	72129

R-flex wheel
RFR 654

Advantages

Versatile abrasive wheel ■ Deburring, matte-finishing and finishing with one tool ■ Good adaptation to workpiece contour ■ Soft abrasion due to elastic structure ■ Can be used until completely worn down

Applications:

- Stainless steel
- Steel
- NF metals
- Aluminium
- Plastic
- Glass

Bonding agent

Plastic

Grain

Al. oxide / SiC


Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
						■			■				■												

All sizes and minimum purchasing quantities available on request

