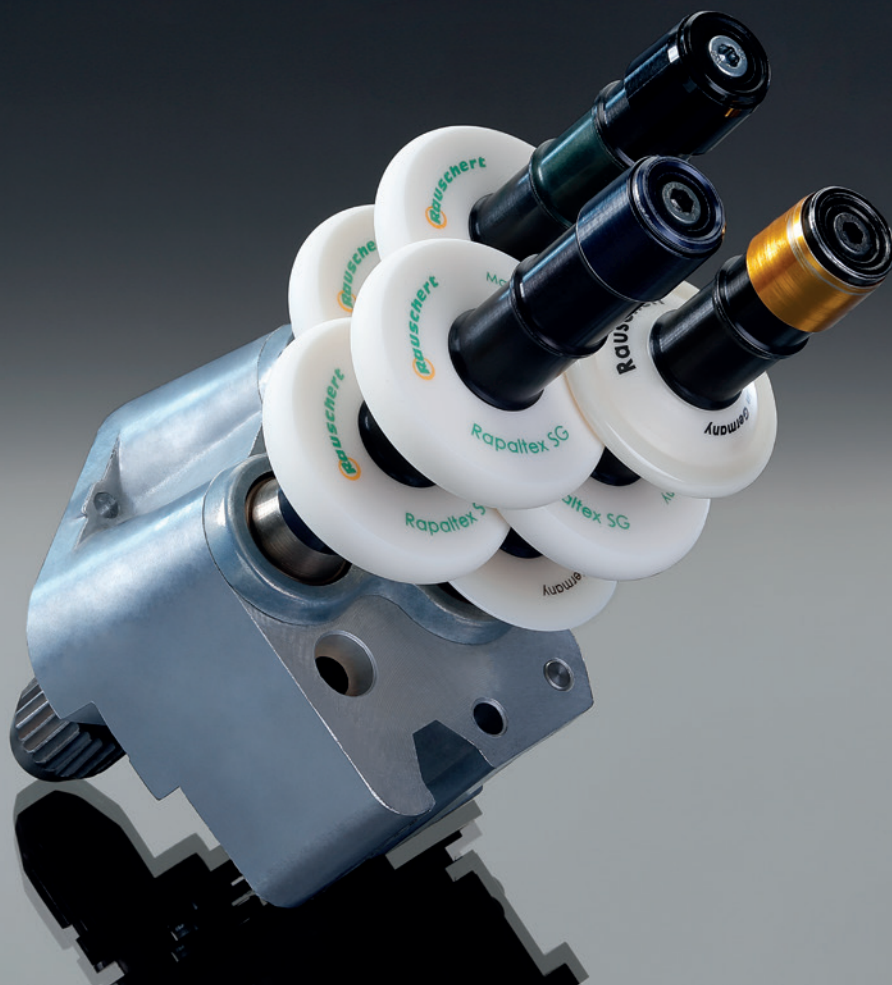


HIGH-TECH CERAMICS FOR YOUR DTY PROCESS

Spindle components

- Very good yarn properties
- Long lifetime of the individual components
- Excellent efficiency at high machine speeds



Rapaltex® CERAMIC FRICTION

Excellent grip and low snow

A new generation of ceramic friction discs made by Rauschert offer significant performance enhancements over existing ceramic disc technology and PU discs. Extensive development and testing of materials and special surface engineered features provide a class leading performance, by optimising grip and virtually eliminating snow, giving important cost and quality advantages to DTY producers.

Working Discs – Rapaltex®

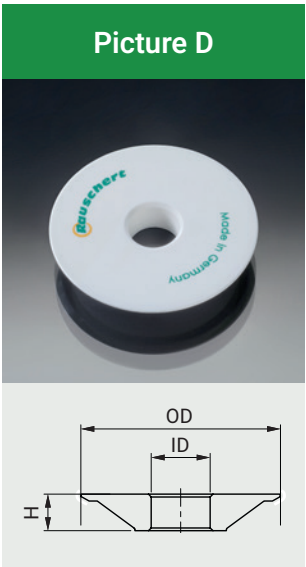
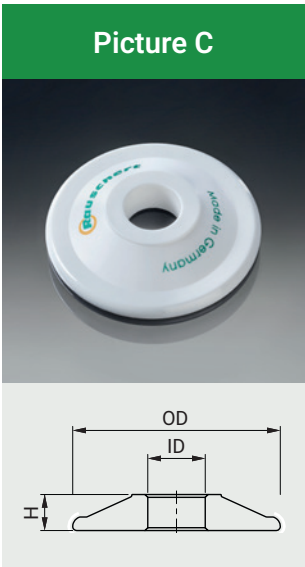
Article-No.	OD	ID	H	Picture
390756-3	58	14,45	9	A
390759-3	54,5	12	9	A
390755-3	52	14,45	9	A
390754-3	52	12	9	A
390758-4	49,62	12	6	A
390757-4	45	12	6	A

Guide Discs

Article-No.	OD	ID	H	Picture
390756-5	58	14,45	9	B
390756-6AZ	52	14,45	9	C
390759-5	52	12	6	B
390759-6AZ	47,8	12	6	C
390755-5	52	14,45	9	B
390755-6AZ	46	14,45	9	C
390754-5	52	12	9	B
390754-6AZ	46	12	9	C
390758-5	49,62	12	6	B
390757-5	45	12	6	B

Knife Edge Discs

Article-No.	OD	ID	H	Picture
3901037AZ	54,5	14,45	9	D
3901030AZ	49	14,45	9	D
3901079AZ	49	12	9	D
3901080AZ	48	12	6	D
3901103AZ	47,2	12	6	D
3901135AZ	43	12	6	D



AND GUIDE DISCS

Polyester

PET 150f288 SD W

Disc Dimensions 52x12x9 mm	PU	Rapaltex SG 9
Stacking	1-5-1	1-5-1
Speed m/min	650	700 *
k-factor	0.7	0.9
Elongation %	20.6	20.4
Tenacity Cn/tex	4.03	4.02
Crimp CC%	3.45	3.5

* higher speed, almost the same yarn properties

PET 75f72 SD W

Disc Dimensions 54.5x12x9 mm	Ceramic competitor	Rapaltex SG 9
Stacking	1-4-1	1-4-1
Speed m/min	800	800
k-factor	1.10	1.05
Elongation %	16.9	20.8 *
Tenacity Cn/tex	3.84	4.35 *
Crimp CC%	15.6	15.7

* significantly better yarn properties

PET 150f288 SD W S-Twist

Disc Dimensions 54.5x12x9 mm	PU	Rapaltex SG 9 *
Stacking	1-6-1	1-6-1
Speed m/min	650	650
k-factor	0.65	0.73
Elongation %	15.10	15.40
Tenacity Cn/tex	3.10	3.14
Crimp CC%	7.40	7.40

* same yarn properties, but significantly longer lifetime

Nylon

PA 66 78f68 SD

Disc Dimensions 49,62x12x6 mm	Ceramic Competitor	Rapaltex SG 9
Stacking	1-7-1	1-7-1
Speed m/min	680	680
k-factor	0,58	0,61
Elongation %	25.87	28.33 *
Tenacity Cn/tex	3.28	3.43 *
Crimp CC%	28.60	30.17 *

* better yarn properties

PA6 22f24 SD

Disc Dimensions 49,62x12x6 mm	Ceramic Competitor	Rapaltex SG 6
Stacking	1-6-1	1-6-1
Speed m/min	700	700
k-factor	1.00	1.03
Elongation %	25.55	28.69 *
Tenacity Cn/tex	3.66	3.96 *
Crimp CC%	37.67	37.06

* significantly better yarn physicals

PA 6 30f34 FD

Disc Dimensions 49,62x12x6 mm	Ceramic Competitor	Rapaltex SG 6
Stacking	1-6-1	1-6-1
Speed m/min	700	700
k-factor	0.80	0.95
Elongation %	25.58	27.24 *
Tenacity Cn/tex	4.48	4.69 *
Crimp CC%	37.98	37.69

* better yarn physicals



MADE BY RAUSCHERT GERMANY

- Threading-up is easier and starting-up torque is faster than other producers.
- Can replace PU discs for many applications.
- T2/T1 levels are optimised.
- Surge speed allows increased machine speeds because of low CV's.
- High quality, durable and chemical resistant solid ceramic provides many years of trouble- free service and long lifetime.
- 'Stay-clean' disc surface prevents polymer build up. An especially positive feature for spun-dyed yarns.
- Full flexibility across all denier ranges and filament counts including microfilament yarns and coarse denier yarns.
- Uniform dyeability of DTY.

**LOOKING FOR OPTIMAL DTY PERFORMANCE?
GET IN TOUCH WITH US AND REQUEST YOUR TAILORED SPINDLE COMPONENT SOLUTION!**

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www.rauschert-tec.com



Our advanced processing technologies enable us to provide prototypes with modified dimensions and surface characteristics, according to specific requests, without the need for tool investment.