

Advanced DTY Engineering



Product Info

- Upgrade old type 6/7 friction units
- Reasonable costs
- Higher performance level

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Benefits and properties

- Higher textured yarn denier and output
- Improve textured stability to reduce failure costs or downgrade
- More than 20 times life span than PU
- Improve old spindles performance with reasonable investment
- Upgrade DTY machine set in 48 hours

Upgrade of type 6/7 friction units

The false twist texturizing technology with 3 axes started in the early seventies with ceramic discs 4 mm thick.

Further steps of development were from 4 to 6 mm and finally from 6 to 9 mm. For a better performance and lower tension level of type 6/7 friction units Rauschert developed a 9 mm ceramic spindle set including spacers and redesigned entrance and exit discs.

Advantages: Yarn physicals as good as PU

PES DTY 75/24/1 SD white, round, 900 m/min V80

	Type 7 upgrade	Type 7
Material	RAPALTEX 75	PU
Dimension	54.5 x 12 x 9 mm	49.62 x 12 x 6 mm
Stacking	1-5-1	1-4-1
Elongation %	22.8	21.5
Tenacity cN/tex	41.8	41.1

PES DTY 75/72 dope dyed black, 600 m/min

	Type 7 upgrade	Type 7
Material	RAPALTEX 75	PU
Dimension	54.5 x 12 x 9 mm	53.5 x 12 x 6 mm
Stacking	1-8-1*	1-5-1
Elongation %	20.6	19.1
Tenacity cN/tex	38.5	37.8

* Extension of the 3 axes is needed.

Yarn physicals are based on the same D/R and temperature.

Contact

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