



# Polyurethane (PU) Friction Disc

FOR TEXTURISING MACHINES  
(DTY MACHINE)



Engineered with special polyurethane for consistent friction, superior yarn quality & long service life.

ROYAL PU Friction Disc offers a much higher amount of friction and therefore more twist.

As synthetic fibres are normally harder than Polyurethane, there is no noticeable fibre abrasion. This results in improvements regarding tenacity and elongation of the textured yarn.

## SPECIAL PROPERTIES



### HIGH WEAR RESISTANCE

High wear resistance against high speed rotation due to special polyol and isocyanate grades.



### OIL AND TEMPERATURE RESISTANCE

Addition of certain additives makes it more oil resistant, high temperature resistant and safe against charge build up.



### DIMENSIONAL ACCURACY

100% dimensional accuracy allows texturisers to have accurate yarn angle while moving through the friction unit.



### SURFACE FINISH

Uniformity and perfection in surface finish of ROYAL disc ensure appropriate T2/T1 ratio throughout its service life.



### CONSISTENT QUALITY

Special polyurethane material ensures long service life & consistent quality.

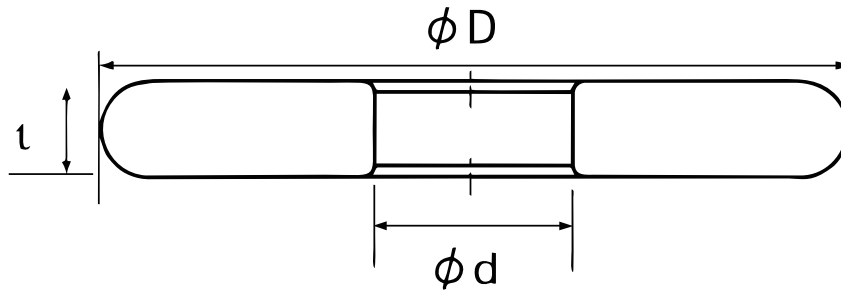
Compatible with All Major Brands of Texturing Machines

BARMAG | RIETER SCRAGG | HIMSON | AALIDHRA



### Difference between Polyurethane Rubber Soft Disc and Ceramic and Plasma Coated Hard Disc:

- ✓ It offers much higher friction therefore more twist
- ✓ Softness of Polyurethane leads to minimal fibre abrasion and therefore generation of fluff stuff, also known as snow, is prevented during processing
- ✓ It has better texturing ability and imparts better characteristics like desired bulk, loft and stretch in the yarn



### PU FRICTION DISC SIZE LIST (MM)

$\phi D$	l (Thickness)	$\phi d$
47.5	6	12
51.2	6	12
52.0	9	12/14.45
52.5	9	12/14.45
54.1	9	12/14.45
54.2	9	12/14.45
54.5	9	12/14.45
58.0	9	12/14.45
59.0	9	12/14.45



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