

I 1770	NUMBER
	GOST 16996-71
	SHEET 1 OF 2
SUPERSEDES	

EXTRACT FROM GOST 16996-71
DYED COTTON BELTS

1. ASSORTMENT AND TECHNICAL REQUIREMENTS.
 - 1.1 Belts should be selected from raw cotton yarn with subsequent dyeing.
 - 1.2 The belts should comply with requirements specified in Table 1 as regards physical and mechanical parameters.
 - 1.3 The belts are dyed with sulphur dyes.

Table - 1

Double Layer Light Δ Belt Filling								
No. of settings up	Belt width	Thickness of belt	Breaking load of belt, min. kgf	N	Elongation at the breaking point of belt % max.	Weight of 1m. long belt, g	Density as per weft for 10 mm	Weave
2	25 \pm 1	2.1 \pm 0.2	115	1127.8	18	32-2.5	15-1	Double layer
3	35 \pm 2	2.2 \pm 0.2	145	1440.6	18	47-3.7	15-1	plain

Number of threads of band base along the whole width, min.				Structure of Raw Yarn	
Main	Inserting	Filling	Total	As per the base	As per the weft
57	11	22	90	56 text x 4	56 text x 4
77	16	34	127	(No.17.9/4)	(No.17.9/4)

- 1.4 Depending on the existing appearance defects, the bands are supplied in first and second grades.
- 1.5 Number and dimensions of appearance defects should not exceed the value specified in Table 2.
- 1.6 Total number of defects specified in Table 2 per the conventional band length of 35 m may not be more than 10 for first grade and not more than 20 for second grade.

Name and dimension of defects	No. of defects per 10 m
1. Whiteness in one thread of length upto 10cm	3
2. Set mark of spacing of 2 threads, max.	2
3. Tangle upto 2 cm	1
4. Serrated and uneven edges of length upto 20 cm	3
5. Tightening with weft, reducing the band width upto 1 mm	2
6. Clearly defined loops of 5 cm max. for band length	2
7. Nicks	2
8. Slugs on warp and weft, if in one spot	2
9. Snicks of weft	2
10. Streaks over weft	2