

**भारतीय मानक ब्यूरो**  
**BUREAU OF INDIAN STANDARDS**

DRAFT FOR COMMENTS ONLY

Doc. No: TXD 35 (25717) WC  
May 2024

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*भारतीय मानक में संशोधन का मसौदा*

**संशोधन संख्या ३**

**आई एस 16513 : 2016 कृषि वस्त्रादि – कृषि और बागवानी प्रयोजनों के लिए  
कीट जाल – विशिष्ट**

*Draft Amendment to Indian Standard*

**AMENDMENT NO. 3**

**TO**

**IS 16513 : 2016 AGRO TEXTILES — INSECT NETS FOR  
AGRICULTURE AND HORTICULTURE PURPOSES —  
SPECIFICATION**

Technical Textiles for Agrotech Applications  
Sectional Committee, TXD 35

Last date for receipt of comment is  
19 June 2024

*(Page 2, Table 1) — Substitute the following table for the existing:*

Sl No.	Characteristic (s)	Requirements				Tolerance	Method of test
		Type I 30 mesh	Type II 40 mesh	Type II A 40 mesh	Type III 50 mesh		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
i)	Mass, g/m <sup>2</sup>	90	105	125	125	±5 percent	IS 1964
ii)	a) Ends per inch	30	40	40	50	± 2	IS 1963
	b) Picks per inch	24	24	32	24	± 2	

iii)	Cover factor, percent, <i>Min</i>	30	40	45	50	—	Annex B	
iv)	Breaking strength of insect nets fabric before UV exposure (ravelled strip method 325 mm × 70 mm) <sup>1)</sup> , kg, <i>Min</i> :					—	IS 1969 (Part 1)	
	a) Warpway	80	120	120	140			
	b) Weftway	50	65	80	70			
v)	Retention in breaking strength after UV exposure, kg, <i>Min</i>	85 percent of original actual value of fabric						Annex C and IS 1969 (Part 1)
vi)	Bursting strength, kg/cm <sup>2</sup> , <i>Min</i>	10	18	19	20	—	IS 1966 (Part 1) or (Part 2)	
vii)	Air permeability in mm/s at 50 pascal water head pressure, <i>Min</i>	6 500	5 000	4 000	3 000	—	IS 11056	
<sup>1)</sup> Width after ravelling = 50 mm, Gauge length = 200mm								