

Specification - IS 17423 Level 1 & 2 Coverall

Test Parameter	International / Indian Standard	Sample Required	Turn Around Time
Synthetic Blood Penetration Resistance Test (Procedure D)	IS 16546	5 Coveralls	4 days
Breathability (Water Vapour Transmission Rate)	Annex F of IS 16390		
Tensile Strength (Dry and Wet)	Nonwoven: IS 15891 (Part 3), Woven: 1969 (Part 1)		
Seam Strength (Dry and Wet)			
Bursting Strength (Dry and Wet)	IS 1966 (Part 1)	4 Coveralls (unopened pack)	7 days
Cleanliness–microbial (CFU/g)	ISO 11737 (Part 1)		10 days
Cytotoxicity	IS/ISO 10993-5		3 Months
Skin irritation	IS/ISO 10993-23		4 Months
Skin Sensitization	IS/ISO 10993 - 10		

Specification – IS 17423 Level 3 & 4 Coverall

Test Parameter	International / Indian Standard	Sample Required	Turn Around Time
Synthetic Blood Penetration Resistance Test (Procedure D)	IS 16546	5 Coverall	2 days
Tensile Strength (Dry and Wet)	Nonwoven: IS 15891 (Part 3), Woven: 1969 (Part 1)		4 days
Seam Strength (Dry and Wet)	Nonwoven: IS 15891 (Part18), Woven: IS/ISO 13935 (Part 1)		
Bursting Strength (Dry and Wet)	IS 1966 (Part 1)		
Breathability (Water Vapour Transmission Rate)	Annex F of IS 16390		
Viral Penetration Resistance Test	IS 16545	1 Coverall	3 days
Resistance to Dry Microbial Penetration	IS 16548	1 Coverall	3 days
Cleanliness–microbial (CFU/g)	ISO 11737 (Part 1)	4 Coveralls (unopened pack)	7 days
Cytotoxicity	IS/ISO 10993-5		10 days
Skin irritation	IS/ISO 10993-23		3 Months
Skin Sensitization	IS/ISO 10993 - 10		4 Months

Coveralls as per EN 14126

Test Parameter	International / Indian Standard	Sample Required	Turn Around Time
Coveralls for COVID-19 - Specification or Synthetic Blood Penetration Resistance Test	ISO 16603	1 Coverall	2 days
Mass Per Unit Area	ISO 9073-1	1 Coverall	1 day
Viral Penetration Resistance Test	ISO 16604	1 Coverall	3 days
Resistance to Dry Microbial Penetration	EN ISO 22612	1 Coverall	3 days
Resistance to Wet Microbial Penetration	EN ISO 22610	2 Coverall	3 days