

Specification of IS 16289 for class 1 and 2 -Face Mask

Test Parameter	International / Indian Standard	Sample Requirement	Turn Around Time®
Materials and construction	IS 16289 Clause 4.1.1	5 facemask	3 days
Design	IS 16289 Clause 4.1.2		
Differential Pressure	IS 16289 Annex C	10 facemasks	
Bacterial Filtration Efficiency	IS 16288	5 facemasks	

Specification of IS 16289 for class 3-Face Mask

Test Parameter	International / Indian Standard	Sample Requirement	Turn Around Time®
Materials and construction	IS 16289 Clause 4.1.1	5 facemask	2 days
Design	IS 16289 Clause 4.1.2		
Differential Pressure	IS 16289 Annex C	10 facemasks	
Splash Resistance	IS 16289 Annex D	70 facemasks	
Bacterial Filtration Efficiency	IS 16288	5 facemasks	3 days
Particulate Filtration Efficiency at 0.1 micron	IS 16289 Annex E	10 facemasks	2 days

Specification for ASTM F2100 for all 3 classes -Face Mask

Test Parameter	International / Indian Standard	Sample Requirement	Turn Around Time[@]
Differential Pressure	EN 14683-Annex C	10 facemasks	2 days
Splash Resistance	ASTM F1862	70 facemasks	
Particulate Filtration Efficiency at 0.3 microns	ASTM F2299	10 facemasks	
Bacterial Filtration Efficiency	ASTM F2101	5 facemasks	3 days
Flammability	16 CFR 10	5 facemasks	2 days

Specification for EN 14683 Type I and II -Face Mask

Test Parameter	International / Indian Standard	Sample Requirement	Turn Around Time[@]
Differential Pressure	EN 14683-Annex C	10 facemasks	2 days
Bacterial Filtration Efficiency	EN 14683-Annex B	10 facemasks	3 days
Cleanliness–microbial (CFU/g)	EN ISO 11737-1 / EN 14683-Annex D	10 facemasks (Unopened pack)	7 days

Test Parameter – EN 14683 Type IIR (Package Test)

Test Parameter	International / Indian Standard	Sample Requirement	Turn Around Time[@]
Differential Pressure	EN 14683-Annex C	10 facemasks	2 days
Splash Resistance	ISO 22609	70 facemasks	
Bacterial Filtration Efficiency	EN 14683-Annex B	10 facemasks	3 days
Cleanliness–microbial (CFU/g)	EN ISO 11737-1 / EN 14683-Annex D	10 facemasks (Unopened pack)	7 days