

MEDICA

Medical artificial leather

Fabric Description

Type	120 ST	170 BR	195 SL	210 ST	270 D
Composition:	58% PU 42% PES	45% PU 55% PES	48% PU 52% PES	50% PU 50% PES	63% PU 37% PES
Fabric weight (g/m ²):	120 ± 5%	170 ± 5%	195 ± 5%	210 ± 5%	270 ± 5%
Usable width (cm):	150 / 220	150 / 220	150 / 220	150 / 220	150 / 215

Certificates

Test description	Certification	Value				
Type		120 ST	170 BR	195 SL	210 ST	270 D
Tensile strength warp/weft (N/5cm):	EN ISO 1421	150 / 50	250 / 200	250 / 200	250 / 200	350 / 250
Ultimate elongation (%):	EN ISO 1421	50 / 150	100 / 140	90 / 120	90 / 120	130 / 130
Peel adhesion warp/weft (N/5cm):	EN ISO 2411	20 / 20	15 / 15	30 / 30	30 / 30	20 / 20
Resistance to water penetration (Pa):	EN ISO 20811	50.000	50.000	50.000	50.000	50.000
Resistance to water penetration after 50 washing (Pa):	EN ISO 20811	20.000	20.000	20.000	20.000	20.000
Water vapour permeability (g/m ² /24h):	EN ISO 15496	≥500	≥1000	≥400	≥400	≥400
Sterilization:	134 °C / 5 min	Passed	Passed	Passed	Passed	Passed
Hydrolysis tropical test (week):	EN ISO 1419 70 °C / 95% R.H.	≥5	≥2	≥5	≥5	≥5
Shrinkage at washing at 95°C warp/weft (%):	EN ISO 3759 EN ISO 25077 EN ISO 6330	≤5 / ≤5	≤5 / ≤5	≤5 / ≤5	≤5 / ≤5	≤5 / ≤5
Biocompatibility:	ISO 10993	Passed	Passed	Passed	Passed	Passed
Cytotoxicity test:	ISO 10993-5 ISO 10993-12	Passed	Passed	Passed	Passed	Passed
Skin irritation test (MTT-test, LDH release):	ISO 10993-1 ISO 10993-10	Passed	Passed	Passed	Passed	Passed
Resistance to virus Penetration:	EN ISO 16604 Phi-X 74 bacteriophage	Passed	Passed	Passed	Passed	Passed
Antifungi treatment :	ASTM G 21-96 Aspergillus niger, Trichosporon virens	Passed	Passed	Passed	Passed	-
Antibacterial treatment :	EN ISO 20743-2 Staphylococcus aureus, Methicilin Resistan Staphylococcus aureus (MRSA)	Passed	Passed	Passed	Passed	-
Flame retardant (0-7 crib):	BS 7175 crib 5	Passed	Passed	Passed	Passed	-
Color fastness to light (1-8 scale):	EN ISO 105-B02	≥5	≥5	≥5	≥5	≥5
Color fastness to domestic & commercial laundering (1-5 scale):	EN ISO 105-C06	≥4	≥4	≥4	≥4	≥4
Color fastness to drycleaning (1-5 scale):	EN ISO 105-D01	≥4	≥4	≥4	≥4	≥4
Color fastness to sweat (1-5 scale):	EN ISO 105-E04	≥4	≥4	≥4	≥4	≥4
Rubbing fastness (dry & wet) (1-5 scale):	EN ISO 105-X12	≥5	≥4	≥4	≥4	≥4

The product is Phthalate free (do not contain: DEHP, BBP, DBP, DIBP, DINP, DIDP, DNOP). /
The product has REACH certificate.
The product has hygienic certificate.
Source : EU

Cleaning:

Wipe with mild detergent. Wash using detergent up to 95°C or dry clean. Do not use products based on natrium hipo-chlorite. Do not use softener and powder detergent. Use only liquid detergent.

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MEDICA 270 D



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