

Optio
Artificial leather

Fabric Description

Backing Type	PES	PES-Cot	PES-D	PES-Cot-F	PES-WL
Composition	83% PVC 2% PU 15% PES	69% PVC 2% PU 29% Cot.+ PES	79% PVC 2% PU 19% PES	81% PVC 2% PU 17% Cot.+ PES	40% PVC 2% PU 58% PES
Fabric weight (g/m ²)	600 ± 5%	700 ± 5%	650 ± 5%	600 ± 5%	990 ± 5%
Fabric Thickness (mm)	0,9 ± 0,1	0,9 ± 0,1	1,2 ± 0,1	1,0 ± 0,1	2,5 ± 0,1
Usable Width (cm)	140				

Certificates

Test description	Certification	Backing	Value
Tearing Force warp/weft (N):	EN ISO 4674-1MB	PES PES-Cot PES-D PES-Cot-F PES-WL	29,7 / 25,1 38,0 / 23,0 21,2 / 13,7 29,7 / 25,1 52,2 / 65,7
Martindale's test (cycle):	EN 5470-2	All	120.000
Peel adhesion warp/weft (N/5cm):	EN ISO 2411	All	The layers cannot be separated without destruction
Color fastness to light (1-8 scale):	EN ISO 105-B02	All	7-8
Multiple bending resistance at 20 °C (Number of cycles):	EN ISO 7854 PN-75/C 89058BM PN-75/C 89058BM EN ISO 7854 PN-75/C 89058BM	PES PES-Cot PES-D PES-Cot-F PES-WL	250.000 120.000 150.000 250.000 140.000
Color fastness to domestic and commercial laundering (1-5 scale):	EN ISO 105-C08 40 °C ECE phosphate-free test detergent	All	4-5
Color fastness to seawater (1-5 scale):	EN ISO 105-E02	All	4-5
Color fastness to chlorinated water (swimming-pool water) (1-5 scale):	EN ISO 105-E03	All	4-5
Color fastness to sweat (1-5 scale):	EN ISO 105-E04	All	4-5
Color fastness to bleaching - Hypochlorite (1-5 scale):	DIN EN 20105-N01	All	4-5
Color fastness to saliva (1-5 scale):	DIN EN 53160-1	All	4-5
Flame retardancy (OPTIONAL):	EN 1021-1, -2	All	Passed
Flame retardancy (0-7 crib) (OPTIONAL):	BS 5852	PES-Cot-F	Crib 5

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.

Cleaning

Can not be cleaned with organic solvents (Perchloroethylen, KWL).