

Ref. 8960

TECHSALEXANDRA 180

 ProtectiveWear 

PARAMETER	METHOD	VALUE	UNITS	TOLERANCE
Weave	UNE 40.161	Plain		
Composition	UNE 40.110	Lenzing™ FR 64% Meta-aramid 30% Para - Aramid 5% Antistatic Fiber 1%		+/- 3%
Weight	UNE 40.339	180	g/m ²	+/- 5%
Total width	UNE-EN 1773	160	cm	+/- 1
Usable width	UNE-EN 1773	158	cm	+/- 1
		WARP	WEFT	
Tensile strength	UNE-EN ISO 13934-1	600	420	N
Tear strength	UNE-EN ISO 13937-2	15	15	N
Pilling	UNE-EN ISO 12945-2	4		
Abrasion	UNE-EN ISO 12947-2	40.000 @ 12 kPa		cycles
Dimensional stability	UNE-EN ISO 5077 5 x 75 °C	-3		%



AREAS	STANDARDS	LEVEL
Firefighters and Wildland firefighters	UNE-EN ISO 11612:2018	A1 A2 B1 C1 F1
Electric power industry	UNE-EN 1149-5:2018	PASS
General industry	UNE-EN 13034:2005+A1:2009	Type 6
	ASTM F1959/F1959M-14e1	ATPV=8,9 cal/cm ² (*)
	UNE-EN 61482-1-1:2010	ATPV=27 cal/cm ² (**)
	IEC 61482-1-1:2019	ATPV=31 cal/cm ² (***)
	IEC 61482-2:2018	APC = 1 APC = 2 (****)
	NFPA 2112:2018	PASS Burned area = 36,5%
	AS/NZS 4824:2006	PASS
	AS/NZS 1906.4:2010	Yellow NF Orange NF

FINISHINGS
FC finish needed for EN 13034 garment certification.

REMARKS
Available after 50 cycles of industrial wash (ISO 15797): - ISO 11612 (A1 A2 B1 C1 F1) - EN 1149-5 - IEC 61482-2 (APC=2)
Use of chlorine might be limited for some colours. Please check with the Sales Department.
(*) Value obtained in plain colour (**) Result obtained when combining with TECHSALEXANDRA 250 (ref 8633), plain colours (***) Result obtained when combining with TECHS NX260 (ref 8912), plain colours (****) Result obtained in combination with any of the following articles: TECHSALEXANDRA 250 (ref 8633) or TECHS NX260 TST (ref 15019), plain colours
<i>In case of industrial laundry, make sure to perform trials to adapt washing and drying conditions to each product.</i>