

Arc Flash Solutions

Soluciones frente al Arco Eléctrico

Rev. 26

EN 61482-1-2	
Class / Clase 1 - 4kA	Class / Clase 2 - 7kA
410 Stretch Tecvin (-) 427 Tecvin Rip Stop (-) 443 Tecvin (-) 470 Tecvin (-) 623 Orange (-) 623 WTPF Orange (-) 625 Orange H.V. (-) 629 Orange H.V. (-) (*) 635 Orange H.V. (-) (*) 816 Xispal RS (-) (*) 817 RI Xispal RS (-) (*) 817 RI Stretch Xispal RS (*) 817 RI Waterproof Xispal RS (-) (*) 820 RI Xispal RS (-) (*) 822 Xispal RS (-) (*) 822 RI Xispal RS (-) (*) 825 Xispal RS (-) (*) 825 RI Xispal RS (-) (*) 825 RI Stretch Xispal RS (*) 826 RI Xispal RS (-) 830 Xispal RS (-) (*) 830 RI Xispal RS (-) (*) 834 Xispal RS (-) (*) 834 RI Xispal RS (-) (*) 838 Xispal RS (-) (*) 843 Xispal RS (-) (*) 919 Valen-t (-) 925 Valen-t (-) (*) 936 Valen-t (-) (*) 937 Valen-t (-) (*) 938 Valen-t (-) (*)	817 RI Waterproof Xispal RS + 820 RI Xispal RS (-) 825 Xispal RS + 816 Xispal RS (-) (*) 825 Xispal RS + 817 RI Xispal RS (-) 825 RI Xispal RS + 817 RI Xispal RS (-) 825 RI Xispal RS + 822 Xispal RS (-) 825 RI Xispal RS + 825 Xispal RS (*) 825 RI Stretch Xispal RS + 817 RI Stretch Xispal RS (-) (*) 825 RI Stretch Xispal RS + 817 RI Xispal RS (-) 825 RI Stretch Xispal RS + 822 Xispal RS (-) 825 RI Stretch Xispal RS + 919 Valen-t (-) 830 Xispal RS + 443 Tecvin (-) 830 Xispal RS + 816 Xispal RS (-) 830 Xispal RS + 817 RI Xispal RS (-) 850 RI Softshell Xispal RS (-) 925 Valen-t + 919 Valen-t (-) 938 Valen-t + 443 Tecvin (-) 938 Valen-t + 816 Xispal RS (-) 945 Valen-t (-) (*)

EN 61482-1-1					
Single Fabric	ATPV (cal/cm ²)	ELIM (cal/cm ²)	Multilayer Fabric	ATPV (cal/cm ²)	ELIM (cal/cm ²)
421 Stretch Tecvin	5,90(*)	5,10(*)	825 RI Xispal RS + 817 RI Xispal RS	21,00(*)	18,00(*)
422 Rip-Stop Tecvin	7,10(*)	5,90(*)	825 RI Stretch Xispal RS + 817 RI Stretch Xispal RS	18,00	15,00
623 Orange HV	5,80	5,40	825 RI Stretch Xispal RS + 822 Xispal RS	22,00	14,00
629 Orange HV	9,30	8,00	830 Xispal RS + 443 Tecvin	20,00	19,00
635 Orange HV	9,30	8,20	629 Orange + 625 Orange	37,00	12,00
816 Xispal RS	6,40	4,80	825 RI Xispal RS + 825 Xispal RS	22,00(*)	17,00(*)
817 RI Xispal RS	6,60(*)	5,50(*)	925 Valen-t + 830 Xispal RS	34,00(*)	33,00(*)
817 RI Stretch Xispal RS	6,40(*)	5,80(*)			
820 RI Xispal RS	9,10	6,10			
822 Xispal RS	7,60	5,20			
822 RI Xispal RS	6,7	4,5			
825 Xispal RS	9,60	8,60			
825 RI Xispal RS	14,00(*)	11,00(*)			
825 RI Stretch Xispal RS	11,00(*)	7,60(*)			
826 RI Xispal RS	14,00(*)	11,00(*)			
830 Xispal RS	12,00	9,00			
830 RI Xispal RS	9,90	8,60			
834 Xispal RS	14,00	10,00			
838 Xispal RS	19,00	16,00			
850 RI Softshell Xispal RS	41,00	24,00			
919 Valen-t	11,00	9,90			
925 Valen-t	13,90(*)	-			
936 Valen-t	9,50	8,10			
938 Valen-t	9,70	6,70			
945 Valen-t	18,00	13,00			

(-) test at the standard pre-treatment

(*) test 50 cycles

(s) Scouting



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ASTM F1959 / NFPA 70 E

Category I	$4 \geq \text{ATPV (cal/cm}^2) < 8$
Category II	$8 \geq \text{ATPV (cal/cm}^2) < 25$
Category III	$25 \geq \text{ATPV (cal/cm}^2) < 40$
Category IV	$\text{ATPV (cal/cm}^2) \geq 40$

Single Fabric

443 Tecvin	Category I
625 Orange HV	Category I
816 Xispal RS	Category I
817 RI Xispal RS	Category I
820 RI Xispal RS	Category II
822 RI Xispal RS	Category II
825 Xispal RS	Category II
825 RI CL Xispal RS	Category II
826 RI Xispal RS	Category II
830 Xispal	Category II
834 Xispal RS	Category II
834 RI Xispal RS	Category II
838 Xispal RS	Category II
843 Xispal RS	Category II
Cardigan Xispal RS	Category II
918 Valen-t	Category II
919 Valen-t	Category II
925 Valen-t	Category II
936 Valen-t	Category II
	Category II(*)
937 Valen-t	Category II
938 Valen-t	Category II
945 Valen-t	Category II

Multilayer Fabric

925 Valen-t + 816 Xispal RS	Category III
925 Valen-t + 825 Xispal RS	Category III
925 Valen-t + 825 RI Xispal RS (s)	Category III
925 Valen-t + 826 RI Xispal RS	Category IV
925 Valen-t + 828 Acolchado Xispal RS (s)	Category IV
925 Valen-t + 919 Valen-t (s)	Category III
925 Valen-t + 925 Valen-t (s)	Category III

(-) test at the standard pre-treatment

(*) test 50 cycles

(s) Scouting

