

**Certificados / Certified**  
**EN-61482-1-2**

Clase/Class 1 - 4kA

410 Elastic X-Fire  
443 Tecvin  
470 Tecvin  
625 polo Orange H.V.  
629 Orange H.V.  
635 Orange H.V.  
816 Xispal RS  
817 R1 Xispal RS  
817 R1 Rainwear Xispal RS  
817 R1 Waterproof Xispal RS  
817-R1 Elastic  
820 R1 Xispal RS  
822 Xispal RS  
822 R1 Xispal RS  
825 Xispal RS  
825 R1 Xispal RS  
825 R1 Elastic Xispal RS  
826 R1 Xispal RS  
830 Xispal RS  
830 R1 Xispal RS  
834-R1 Xispal RS  
838 Xispal RS  
843 Xispal RS  
924 Elastic Valen-t  
925 Valen-t  
936 Valen-t  
937 Valen-t  
938 Valen-t

Clase/Class 2 - 7kA

817 R1 Waterproof Xispal RS + 820 R1 Xispal RS  
817 R1 Rainwear Xispal RS + 828 Xispal RS Acollchado  
825 Xispal RS + 816 Xispal RS  
825 R1 Xispal RS + 817 R1 Xispal RS  
825 R1 Elastic Xispal RS + 817 R1 Elastic Xispal RS  
825 R1 Xispal RS + 822 Xispal RS  
830 Xispal RS + 443 Tecvin  
830 Xispal RS + 816 Xispal RS  
830 Xispal RS + 817 R1 Xispal RS  
847 R1 Softshell Xispal RS  
925 Valen-t + 919 Valen-t  
945 Valen-t  
825 R1 Xispal RS + 825 Xispal RS(\*)

(\*) test 50 ciclos  
(s) Scouting

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**EN-61482-1-1 /ASTM F1959**  
**IEC 61482-1-1**

Single FABRIC

Single FABRIC	ELIM	ATPV
421 Tecvin Elastic	5,1 cal/cm <sup>2</sup> (*)	5,9 cal/cm <sup>2</sup> (*)
422 Tecvin RipStop	5,9 cal/cm <sup>2</sup> (*)	7,1 cal/cm <sup>2</sup> (*)
443 Tecvin		5,1 cal/cm <sup>2</sup>
625 polo Orange H.V.		6,3 cal/cm <sup>2</sup>
629 Orange H.V.	8,0 cal/cm <sup>2</sup>	9,3 cal/cm <sup>2</sup>
635 Orange H.V.	8,2 cal/cm <sup>2</sup>	9,3 cal/cm <sup>2</sup>
816 Xispal RS		4,1 cal/cm <sup>2</sup>
817 R1 Xispal RS	4,8 cal/cm <sup>2</sup> (*)	6,0 cal/cm <sup>2</sup> - 5,1 cal/cm <sup>2</sup> (*)
817-R1 Waterproof Xispal RS		9,0 cal/cm <sup>2</sup>
820 R1 Xispal RS		9,2 cal/cm <sup>2</sup>
822 Xispal RS	5,6 cal/cm <sup>2</sup>	6,2 cal/cm <sup>2</sup>
822 R1 Xispal RS		8,0 cal/cm <sup>2</sup>
825 Xispal RS	7,9 cal/cm <sup>2</sup>	8,6 cal/cm <sup>2</sup>
825 R1 Elastic Xispal RS	11 cal/cm <sup>2</sup> (*)	7,6 cal/cm <sup>2</sup> (*)
825 R1 Xispal RS	8,9 cal/cm <sup>2</sup> (*)	12 cal/cm <sup>2</sup> (*)
826-R1 Xispal RS	10 cal/cm <sup>2</sup> (*)	17,0 cal/cm <sup>2</sup> - 13,0 cal/cm <sup>2</sup> (*)
830 Xispal RS	9,0 cal/cm <sup>2</sup>	12,0 cal/cm <sup>2</sup>
830 R1 Xispal RS	8,6 cal/cm <sup>2</sup>	9,9 cal/cm <sup>2</sup>
834 Xispal RS		9,7 cal/cm <sup>2</sup>
834 R1 Xispal RS		8,6 cal/cm <sup>2</sup>
838 Xispal RS		16,2 cal/cm <sup>2</sup>
841 Xispal RS		15,0 cal/cm <sup>2</sup>
843 Xispal RS		15,4 cal/cm <sup>2</sup>
847 R1 Xispal RS	29,0 cal/cm <sup>2</sup> (*)	34,0 cal/cm <sup>2</sup> (*)
918 Valen-t		6,8 cal/cm <sup>2</sup>
919 Valen-t	9,9 cal/cm <sup>2</sup>	11,0 cal/cm <sup>2</sup>
924 Valen-t		9,3 cal/cm <sup>2</sup>
925 Valen-t		8,3 cal/cm <sup>2</sup> - 13,9 cal/cm <sup>2</sup> (*)
936 Valen-t		10,4 cal/cm <sup>2</sup> - 13,1 cal/cm <sup>2</sup> (*)
937 Valen-t		14,0 cal/cm <sup>2</sup>
938 Valen-t		10,4 cal/cm <sup>2</sup>
945 Valen-t	13,0 cal/cm <sup>2</sup>	18,0 cal/cm <sup>2</sup>

Multi layer FABRIC

Multi layer FABRIC	ELIM	ATPV
825 R1 Xispal RS + 817 R1 Xispal RS	18 cal/cm <sup>2</sup> (*)	24,0 cal/cm <sup>2</sup> - 21 cal/cm <sup>2</sup> (*)
830 Xispal RS + 443 Tecvin	19,0 cal/cm <sup>2</sup>	20,0 cal/cm <sup>2</sup>
925 Valen-t + 816 Xispal RS		35,0 cal/cm <sup>2</sup>
925 Valen-t + 825 Xispal RS		38,0 cal/cm <sup>2</sup>
925 Valen-t + 826 R1 Xispal RS		41,3 cal/cm <sup>2</sup>
925 Valen-t + 919 Valen-t (s)		33,7 cal/cm <sup>2</sup>
925 Valen-t + 825 R1 Xispal RS (s)		28,09 cal/cm <sup>2</sup>
925 Valen-t + 828 acolchado Xispal RS (s)		47,9 cal/cm <sup>2</sup>
925 Valen-t + 925 Valen-t (s)		32,8 cal/cm <sup>2</sup>
925 Valen-t + 830 Xispal RS	33 cal/cm <sup>2</sup>	34,0 cal/cm <sup>2</sup>
470 Tecvin + 918 Valen-t (s)		22,1 cal/cm <sup>2</sup>
830 Xispal RS + 817 R1 Xispal RS (s)		20,2 cal/cm <sup>2</sup>
629 Orange + 625 Orange (*)	12,0 cal/cm <sup>2</sup>	37,0 cal/cm <sup>2</sup>
825 R1 Xispal RS + 825 Xispal RS	17,0 cal/cm <sup>2</sup> (*)	22,0 cal/cm <sup>2</sup> (*)