



C/Estación s /n  
 17457-Riudellots de la Selva (Girona-Spain)  
 Teléfono: 972.47.76.00 – Fax: 972.47.76.10  
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## SPECIFICATIONS OF COVERED FLAT WIRE

		<b>“IBERFIL H 1 C/V”</b>			
<b>SPECIFICATIONS:</b>					
<b>Basecoat</b>		<b>Polyester or Polyester imide</b>			
<b>Overcoat</b>		<b>Polyamide imide (optional)</b>			
<b>Insulation</b>		<b>Glass-fibers wound resin or varnish impregnated</b>			
<b>Numbers of layers</b>		<b>1</b>			
<b>Varnish of impregnation</b>		<b>Epoxy</b>	<b>Polyurethane</b>	<b>Polyester-imide</b>	
<b>Thermal index</b>		<b>F</b>	<b>F</b>	<b>H</b>	
<b>Temperature index 20.000 h.</b>		<b>155</b>	<b>155</b>	<b>180</b>	
<b>Norms:</b>		<b>IEC- 60317-32</b>	<b>60317-32</b>	<b>60317-31</b>	
		<b>UNE-EN- 60317-32</b>	<b>60317-32</b>	<b>60317-31</b>	
		<b>NEMA- MW-1000 ( 52 C)</b>			
<b>Flexibility</b>		<b>10 %</b>			
<b>Breakdown voltage</b>		<b>&gt; 1500 V</b>			
<b>Insulation thickness:</b>					
		<b>Dimensions</b>	<b>Min. (mm)</b>		<b>Max. (mm)</b>
<b>Enamel thickness</b>		<b>All</b>	<b>0,06</b>		<b>0,11</b>
		<b>All</b>	<b>0,12</b>		<b>0,17</b>
		<b>Width of conductor (mm)</b>		<b>Insulation thickness (mm)</b>	
		<b>Min.</b>	<b>Max.</b>	<b>Min.</b>	<b>Max.</b>
<b>Glass fibers covering</b>		<b>--</b>	<b>3,15</b>	<b>0,23</b>	<b>0,35</b>
		<b>3,15</b>	<b>6,30</b>	<b>0,25</b>	<b>0,37</b>
		<b>6,30</b>	<b>12,50</b>	<b>0,27</b>	<b>0,41</b>
		<b>12,50</b>	<b>16,00</b>	<b>0,30</b>	<b>0,46</b>
<b>Production range</b>		<b>2-100 mm<sup>2</sup></b>			
<b>Width</b>		<b>2 – 20 mm</b>			
<b>Thickness</b>		<b>1 – 6,30 mm</b>			
<b>Width/Thickness</b>		<b>&gt; 1,25</b>			



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		“IBERFIL H 2 C/V”			
<b>SPECIFICATIONS:</b>					
<b>Basecoat</b>		<b>Polyester or Polyester imide</b>			
<b>Overcoat</b>		<b>Polyamide imide (optional)</b>			
<b>Insulation</b>		<b>Glass-fibers wound resin or varnish impregnated</b>			
<b>Numbers of layers</b>		2			
<b>Varnish of impregnation</b>		Epoxy	Polyurethane	Polyester-imide	
<b>Thermal index</b>		F	F	H	
<b>Temperature index 20.000 h.</b>		155	155	180	
<b>Norms:</b>		IEC- 60317-32	60317-32	60317-31	
		UNE-EN- 60317-32	60317-32	60317-31	
		NEMA- MW-1000 ( 52 C)			
<b>Flexibility</b>		10 %			
<b>Breakdown voltage</b>		> 2000 V			
<b>Insulation thickness:</b>					
		<b>Dimensions</b>	<b>Min. (mm)</b>	<b>Max. (mm)</b>	
<b>Enamel thickness</b>		G1	All	0,06	0,11
		G2	All	0,12	0,17
		<b>Width of conductor (mm)</b>		<b>Insulation thickness (mm)</b>	
		<b>Min.</b>	<b>Max.</b>	<b>Min.</b>	<b>Max.</b>
<b>Glass fibers covering</b>		--	3,15	0,35	0,49
		3,15	6,30	0,38	0,52
		6,30	12,50	0,43	0,57
		12,50	16,00	0,46	0,62
<b>Production range</b>		2-100 mm <sup>2</sup>			
<b>Width</b>		2 – 20 mm			
<b>Thickness</b>		1 – 6,30 mm			
<b>Width/Thickness</b>		> 1,25			