

Product	HC - 7,00 x 2,00 mm				Sanction - IEC 60317-29	
Dimensional properties checked following IEC 60851-2	Conductor dimensions	Width	7,00	Thickness	2,00	6,93 – 7,07 mm / 1,97 – 2,03 mm
	Overall dimensions	Width	7,10	Thickness	2,10	
	Increase due to insulation	Width	0,10	Thickness	0,10	0,07 - 0,11 mm
	Corner radius				0,65	0,50 – 0,80
Mechanical properties checked following IEC 60851-3	Adherence	At fracture			OK	Loss of adhesion < 1 x width Stretched 15%
	Flexibility	Bent edgwise	Mandrel (mm)	25	OK	No cracks Bent mandrel 4 times width
		Bent flatwise	Mandrel (mm)	8	OK	No cracks Bent mandrel 4 times thickness
	Elongation				44%	> 30 %
	Springiness					4,1
Electrical properties checked following IEC 60851-5	Breakdown voltage	Bent flatwise	Mandrel 25 mm	6,5 – 5,9 – 5,4 – 4,7 – 3,9 kV		> 1kV
	Electrical resistance				1,2752	< 1,29737 Ohm / km
Thermal properties checked following IEC 60851-6	Heat shock – 220°C	Bent flatwise	Mandrel (mm)	12	OK	No cracks Bent mandrel 6 times thickness
Chemical properties checked following IEC 60851-4	Resistance to solvents	UNE (60% White Spirit - 30% Xylene - 10% butanol en vol.)		Hardness	4H	> H