

Product	HC G2 - 1,00 mm				Sanction - IEC 60317-13
Dimensional properties checked following IEC 60851-2	Conductor diameter	Average value	1,002		0,990 - 1,010 mm
	Overall diameter	Average value	1,082		< 1,094 mm
	Increase due to insulation	Average value	0,080		> 0,063 mm
	Roundness of conductor		0,001		< 0,010 mm
Mechanical properties checked following IEC 60851-3	Adherence	Jerk test	OK		No loss of adhesion or crack
	Flexibility	Peel Test (K = 110)		N° revolution 124	> 110 revolutions
	Elongation	Pre-elongation	0% - OK	Mandrel (mm) 1,00	No crack - Pre-elongation 0% - mandrel 1.00 mm
		Pre-elongation	15% - OK	Mandrel (mm) 1,00	
	Springiness		43%	-	> 30 %
	Unidirectional abrasion	Mini	12,80 N	Average 13,40 N	Mini : > 9,60 N / Average > 11,30 N
Electrical properties checked following IEC 60851-5	Breakdown voltage	A Twist	10,8 - 11,2 - 11,0 - 10,6 - 11,6 kV		> 5kV
	Continuity of insulation	Voltaje	3000 V	N° faults 0 faults	< 5 faults / 1500 V
	Pine hole test		0 fault / 5 meters		< 3 faults / 5 meters
	Electrical resistance		0,02157 Ohm		0,02116 - 0,02240 Ohm
	Dielectric dissipation factor		210°C		
Thermal properties checked following IEC 60851-6	Cut Through		350°C	> 10 min	320 °C / > 2 min
	Heat shock	Pre-elongation	0%	Mandrel (mm) 1,00 Temperature 240°C	No crack - Pre-elongation 0% - mandrel 2.24 mm 220°C
Chemical properties checked following IEC 60851-4	Resistance to solvents	UNE (60% White Spirit - 30% Xylene - 10% butanol en vol.)		Hardness 4H	> H
	Heat bonding				Test inappropriate
	Solderability				Test inappropriate