

Product	HCAF G2 - 0,85 mm				Sanción - IEC 60317-13
Dimensional properties checked following IEC 60851-2	Conductor diameter	Average value	0,851		0,841 - 0,859 mm
	Overall diameter	Average value	0,931		< 0,939 mm
	Increase due to insulation	Average value	0,080		> 0,060 mm
	Roundness of conductor		0,001		< 0,009 mm
Mechanical properties checked following IEC 60851-3	Adherence	Jerk Test	OK		No loss of adhesion or crack
	Flexibility	Pre-elongation	0% - OK	Mandrel (mm) 0,85	No crack - Pre-elongation 0% - mandrel 0,85 mm
		Pre-elongation	15% - OK	Mandrel (mm)	
	Elongation		40%	-	> 29 %
	Springiness		46°	-	< 48°
Unidirectional abrasion	Mini	11,20 N	Average	15,40 N	Mini : > 9,00 N / Media > 10,60 N
Electrical properties checked following IEC 60851-5	Breakdown voltage	A Twist	8,6 - 9,8 - 11,0 - 10,6 - 10,2 kV		> 5,0 kV
	Continuity of insulation	Voltage	3000 V	Nº de faults 1 falta	< 5 faultss / 1500 V
	Pine hole test		0 fault / 5 meters		< 3 faults / 5 meters
	Electrical resistance		0,03012 Ohm	-	0,02925 - 0,03104 Ohm
	Dielectric dissipation factor		180°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) 0,85 Temperature 240°C	No crack - Pre-elongation 0% - mandrel 2,00 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