

Product	HG2 1C/V – 20,00 x 3,15 mm				Sanction - IEC 60317-32	
Dimensional properties checked following IEC 60851-2	Conductor dimensions	Width	20,00	Thickness	3,17	19,90 - 20,10 mm / 3,12 – 3,18 mm
	Overall dimensions	Width	20,32	Thickness	3,53	
	Increase due to insulation	Width	0,32	Thickness	0,36	0,30 - 0,46 mm
	Corner radius				0,80	0,60 – 1,00
Mechanical properties checked following IEC 60851-3	Adherence	At fracture			OK	No Loss of adhesion of the covering Elongated 10%
	Flexibility	Bent edgwise	Mandrel (mm)	18	OK	No cracks Bent mandrel 15 times width
		Bent flatwise	Mandrel (mm)	25	OK	No cracks Bent mandrel 10 times thickness
	Elongation				46%	> 32 %
	Springiness					4,8
Electrical properties checked following IEC 60851-5	Breakdown voltage	Bent flatwise	Mandrel 50 mm	3,5 - 4,0 – 3,9 – 4,1 – 4, 5 kV		> 1,5 kV
	Electrical resistance				0,2785	< 0,28017 Ohm / km
Thermal properties checked following IEC 60851-6	Heat shock					Test inappropriate
Chemical properties checked following IEC 60851-4	Resistance to solvents					Test inappropriate

Product	HG2 2C/V – 18,50 x 3,50 mm				Sanction - IEC 60317-32	
Dimensional properties checked following IEC 60851-2	Conductor dimensions	Width	18,50	Thickness	3,50	18,40 – 18,60 mm / 3,45 – 3,55 mm
	Overall dimensions	Width	18,98	Thickness	4,03	
	Increase due to insulation	Width	0,48	Thickness	0,53	0,46 - 0,62 mm
	Corner radius				0,80	0,60 – 1,00
Mechanical properties checked following IEC 60851-3	Adherence	At fracture			OK	No Loss of adhesion of the covering Elongated 10%
	Flexibility	Bent edgwise	Mandrel (mm)	18	OK	No cracks Bent mandrel 15 times width
		Bent flatwise	Mandrel (mm)	25	OK	No cracks Bent mandrel 10 times thickness
	Elongation				45%	> 32 %
	Springiness					5
Electrical properties checked following IEC 60851-5	Breakdown voltage	Bent flatwise	Mandrel 50 mm	4,2 – 4,8 – 5,7 – 6,0 – 3,9 kV		> 2,0 kV
	Electrical resistance				0,2715	< 0,27397 Ohm / km
Thermal properties checked following IEC 60851-6	Heat shock					Test inappropriate
Chemical properties checked following IEC 60851-4	Resistance to solvents					Test inappropriate