

Product	H – 0,92 mm				Sanction - IEC 60317-8	
Dimensional properties checked following IEC 60851-2	Conductor diameter	Average value	0,918		0,910 – 0,930 mm	
	Overall diameter	Average value	0,958		< 0,982 mm	
	Increase due to insulation	Average value	0,040		> 0,034 mm	
	Roundness of conductor		0,000		< 0,010 mm	
Mechanical properties checked following IEC 60851-3	Adherence	Jerk test	OK		No loss of adhesion or cracks	
	Flexibility	Peel Test (K = 110)			Test inappropriate	
	Elongation	Pre-elongation	0% - OK	Mandrel (mm)	0,92	No cracks - Pre-elongation 0% - mandrel 0,92 mm
		Pre-elongation	10% - OK	Mandrel (mm)	0,92	
	Springiness		41%	-		> 30 %
	Unidirectional abrasion	Mini	9,0 N	Average	9,2 N	Mini : > 5,75 N / Average > 6,75 N
Electrical properties checked following IEC 60851-5	Breakdown voltage	A Twist	6,0 - 6,8 – 7,2 – 6,6 - 6,7 kV		> 2,7 kV	
	Continuity of insulation	Voltaje	2000 V	Nº faults	0 faltas	< 25 faults / 1000 V / 30 meters
	Pine hole test		0 faults / 10 meters			< 5 faults / 5 meters
	Electrical resistance		0,02556 Ohm			0,02495 - 0,02651 Ohm
	Dielectric dissipation factor		209°C			
Thermal properties checked following IEC 60851-6	Cut Through		350°C	> 10 min	300 °C / > 2 min	
	Heat shock	Pre-elongation	0%	Mandrel (mm)	0,92	No cracks - Pre-elongation 0% - mandrel 2,24 mm
Chemical properties checked following IEC 60851-4	Resistance to solvents	UNE (60% White Spirit - 30% Xylene - 10% butanol en vol.)	Loss Hardness	H	< 3H	
	Heat bonding				Test inappropriate	
	Solderability				Test inappropriate	