

Product	SH G2 - 0,80 mm				Sanction - IEC 60317-55
Dimensional properties checked following IEC 60851-2	Conductor diameter	Promedio	0,798		0,792 - 0,808
	Overall diameter	Promedio	0,860		< 0,884 mm
	Increase due to insulation	Promedio	0,062		> 0,056 mm
	Roundness of conductor		0,001		< 0,008 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) 0,80	No crack - Pre-elongation 0% - mandrel 0.80 mm
		Pre-elongation	20% - OK	Mandrel (mm) 0,80	
	Elongation		40%		> 28 %
	Springiness		40°		< 45°
Unidirectional abrasion	Mini	9,30 N	Average	9,50 N	Mini : > 6,90 N / Average > 8,10 N
Electrical properties checked following IEC 60851-5	Breakdown voltage	A Twist	10,6 - 9,5 - 10,8 - 10,2 - 10,4 kV		> 4,9 kV
	Continuity of insulation	Voltage	3000 V	Nº de faults 0 faults	< 5 faults / 1500 V
	Pine hole test		0 faults / 5 meters		< 5 faults / 5 meters
	Electrical resistance		0,03411 Ohm		0,03305 - 0,03500 Ohm
	Dielectric dissipation factor		164°C		
Thermal properties checked following IEC 60851-6	Cut Through		250°C	> 4 min	225 °C / > 2 min
	Heat shock	Pre-elongation	5%	Mandrel (mm) 0,80 Temperature 220°C	Ausencia grietas - Prealargamiento 0% - Mandril 1,80 mm 200°C
Chemical properties checked following IEC 60851-4	Resistance to solvents	UNE (60% White Spirit - 30% Xileno - 10% butanol en vol.)	Dureza	3H	> H
	Heat bonding				Test inappropriate
	Solderability		2 sec - 375°C		Between 2 and 9,6 sec - 390°C