

Product	HTV - 0,20 mm				Sanction - IEC 60317-37
Dimensional properties checked following IEC 60851-2	Conductor diameter	Average value	0,201		0,197 - 0,203 mm
	Overall diameter	Average value	0,230		< 0,243 mm
	Increase due to insulation	Average value	0,029		> 0,025 mm
	Roundness of conductor		0,000		< 0,006 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) 0,20	No crack - Pre-elongation 0% - mandrel 0,20 mm
		Pre-elongation	20% - OK	Mandrel (mm) 0,20	
	Elongation		30%		> 21 %
Springiness		38°		< 62°	
Electrical properties checked following IEC 60851-5	Breakdown voltage	A Twist	5,8 - 5,4 - 5,6 - 5,6 - 5,5 kV		> 1,8 kV
	Continuity of insulation	Voltage	2000 V	N° faults 0	< 25 faults / 1000 V
	Pine hole test		0 faults / 10 meters		< 5 faults / 5 meters
	Electrical resistance		0,5441 Ohm		0,5237 - 0,5657 Ohm
	Dielectric dissipation factor		175		
Thermal properties checked following IEC 60851-6	Cut Through		340°C	> 5 min	300 °C / > 2 min
	Heat shock	Pre-elongation	0%	Mandrel (mm) 0,20	No crack - Pre-elongation 0% - mandrel 0,315 mm
		Temperature		220°C	
Chemical properties checked following IEC 60851-4	Resistance to solvents				Test inappropriate
	Heat bonding		0,65 N at room T°		> 0,25 N a room T°
	Solderability				Test inappropriate