



DERAY® - CVN 7

Productdatasheet	DERAY® - CVN 7
Colour	black
Short description	Heat-shrinkable flexible PVC sleeve, RoHs compliant, Issued 03-2011

	Technical Data	Current Values	Test Methods
Material	Material	PVC, modified, free of lead and cadmium,	
	Specific gravity	1,30 g/cm ³ max.	ASTM-D 792, A-I
	Shrink ratio	2:1	
	Longitudinal shrinkage	-10 % max	ASTM-D 2671
	Concentricity	60 % min.	
Mechanical Properties	Tensile strength	18 MPa (min. 10,4 MPa)	ISO 37
	Elongation	290 % (min. 100 %)	ISO 37
	Secant modulus	25 MPa	ASTM-D 2671
Thermal Properties	Thermal ageing	(168 h at 136 °C)	ASTM-D 2671
	Tensile strength	20 MPa (min. 7 MPa)	
	Elongation	150 % (min. 100%)	
	After ageing	breakdown at 15 kV	
	Cold bend test	does not break at (1h -30°C)	ASTM-D 2 671 Meth. C
	Combustion behaviour	passed	ASTM-D 2671 Meth. A
	Shrink temperature	+160°C	
	Storage temperature	+25°C max.	
	Continous operating temperature	-30°C to +105°C	IEC 216
Chemical Properties	Corrosive action	non-corrosive	ASTM-D 2671 Meth. C
	Compatibility with copper	non-corrosive, passed	ASTM-D 2671 Meth. A
	Resistance against chemicals	good	
	Water absorbtion	0,50%	ASTM-D 570
Electrical Properties	Dielectric strength	20 kV/mm min.	IEC 243

Subject to change. The product must be processed within 3 months after delivery, otherwise no guarantee can be given to the dimensional stability.

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