

Features/Applications

PO-UV is a semi-flexible, non-flame retardant, irradiated, UV-stable polyolefin heat shrink tubing with smooth and shiny surface.

The tubes are suitable for electrical, mechanical protection of wire terminations, bus bars, connectors, antennas, pipes and other components where zero halogen properties are required.

Various

Operating temperature: -55°C to 105°C

Minimum fully recovery temperature: 120°C

Standard color: Black.

Special sizes and colors available on request.

Specifications

RoHS and REACH compliant.

Dimensions



Article No (Black tubes)	As supplied (mm)		After recovery (mm)		Standard lenght (m/spool)
	Inside diameter Min. (D)	Inside diameter Max. (d)	Inside diameter Max. (d)	Wall thickness Min.(t)	
POUV2001600	1,6	0,80	0,80	0,43	100
POUV2002400	2,4	1,20	1,20	0,51	100
POUV2003200	3,2	1,60	1,60	0,51	100
POUV4004000	4,0	1,00	1,00	1,00	100*
POUV2004800	4,8	2,40	2,40	0,51	100
POUV2006400	6,4	3,20	3,20	0,64	100
POUV4008000	8,0	2,00	2,00	1,00	100*
POUV2009500	9,5	4,80	4,80	0,64	100*
POUV2012700	12,7	6,40	6,40	0,64	100*
POUV2015900	15,9	8,00	8,00	0,76	50*
POUV2019100	19,1	9,50	9,50	0,76	50*
POUV2025400	25,4	12,70	12,70	0,89	50*
POUV2031800	31,8	15,90	15,90	1,02	25
POUV2038100	38,1	19,00	19,00	1,02	25*
POUV2050800	50,8	25,40	25,40	1,14	25
POUV2076200	76,2	38,10	38,10	1,27	25
POUV2101600	101,6	50,80	50,80	1,40	20*

•Spools as standard, cut pieces available on request. * Also available in 1 m pieces as standard

Technical properties

		Values	Test methods	
Physical	Shrink temperature	120°C	-	
	Operating temperature	-55 to +105°C	-	
	Longitudinal change	Max10%	-	
	Tensile strength	Unaged	15 MPa	-
	Elongation		≥350%	-
	Tensile strength	Aged(168h @ 136°C)	12 MPa	-
	Elongation		≥250%	-
	Heat shock (4h @ 175°C)		Pass	-
	Low temperature flexibility (4h @ -55°C)		No crack	-
Electrical	Dielectric strength	Unaged	≥16kV/mm	-
	Resistance		≥1x10 ¹⁶ Ωcm	-
Chemical	Copper corrosion		No corrosion	-
	Water absorption		0,1 %	-