



HEAT SHRINKABLE POLYOLEFIN SLEEVING

1/1

06/07

C 5

1 - CONSTRUCTION

- Extruded sleeving made from a modified POLYOLEFIN. Heat shrinkable sleeving under the influence of heat. Fits the shapes of the object to be covered with. Flexible sleeving.
- Good resistance to oils, fluids, chemical agents, solvents.
- Shrinkage ration for type R : 2/1 and 3/1 - for type H : 2/1.

2 - CHARACTERISTICS

SPECIFICATION	R	H
Continuous Temperature	- 40 + 135 °C	- 50 + 135 °C
Mini temperature of shrinkage	80 °C	95 °C
Mini temperature of complet shrinkage	120 °C	120 °C
Flame Résistance	60 sec. maxi	30 sec. maxi
Dielectric strenght for diameter ≤ 25.4 mm for diameter > 25.4 mm	20 kv/mm 10 kv/mm	20 kv/mm 10 kv/mm
Fluids résistance Breaking to traction Breaking to elongation	24 hours at 23 °C 5 MPa mini 115 % mini	24 hours at 23 °C 7 MPa min 200 % mini
Breaking elongation	150 % mini	150 % mini



3 - APPLICATIONS

- Cabling of electrical bundles : car, automates...
- Protection from corrosion, waterproofing.
- Identification of cables.

4 - PRESENTATION

- Conditioning : bobbin or cut on length of 1,20 m.
- Refer to the chart below.
- Colours : black, red, yellow, green, blue, white.

The colour green/yellow for type R is available in the ø : 3,2 - 4,8 - 6,4 - 9,5 - 12,7 - 19 - 25,4 - 38 mm.

REFERENCE	shrinkage ratio	inside diameter		wall thick-ness	number length 1,20 m	length bobbin m	REFERENCE	shrinkage ratio	inside diameter		wall thick-ness	number length 1,20 m	length bobbin m
		before shrinkage	after shrinkage						before shrinkage	after shrinkage			
R 1,5 / 0,5	3:1	1,5	0,5	0,45		300	R 1,2 / 0,6	2:1	1,2	0,6	0,45	60	300
R 3,0 / 1,0	3:1	3,0	1,0	0,55		150	R 1,6 / 0,8	2:1	1,6	0,8	0,45	60	300
R 6,0 / 2,0	3:1	6,0	2,0	0,65		75	R 2,4 / 1,2	2:1	2,4	1,2	0,50	60	150
R 9,0 / 3,0	3:1	9,0	3,0	0,75		75	R 3,2 / 1,6	2:1	3,2	1,6	0,50	60	150
R 12,0 / 4,0	3:1	12,0	4,0	0,75		75	R 4,8 / 2,4	2:1	4,8	2,4	0,50	60	150
R 18,0 / 6,0	3:1	18,0	6,0	0,85		75	R 6,4 / 3,2	2:1	6,4	3,2	0,65	36	75
R 24,0 / 8,0	3:1	24,0	8,0	1,00		30	R 9,5 / 4,8	2:1	9,5	4,8	0,65	36	75
R 39,0 / 13,0	3:1	39,0	13,0	1,15		30	R 12,7 / 6,4	2:1	12,7	6,4	0,65	36	75
							R 19,0 / 9,5	2:1	19,0	9,5	0,75	36	75
							R 25,4 / 12,7	2:1	25,4	12,7	0,90	18	30
							R 38,0 / 19,0	2:1	38,0	19,0	1,00	18	30
							R 51,0 / 25,4	2:1	51,0	25,4	1,15	12	30
							R 76,0 / 38,0	2:1	76,0	38,0	1,25	6	15
							R 102,0 / 51,0	2:1	102,0	51,0	1,40	6	15

We recommend to protect them from heat, humidity at an ambient temperature < to 25 °C.