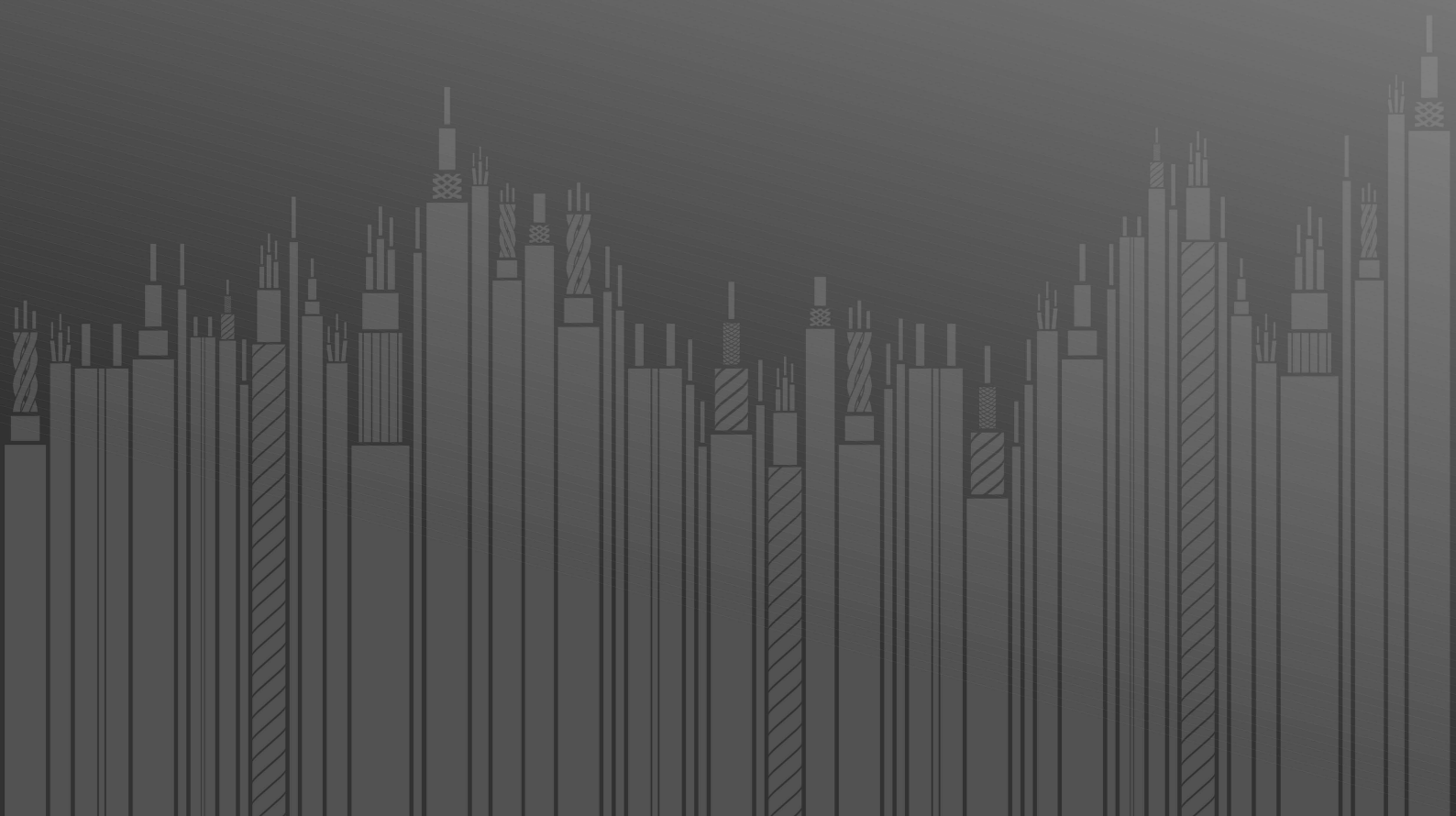


ELECTRICAL INSULATING SLEEVINGS and TAPES, SEALING PROFILES

Type IEC 60684-3-104	Flexible insulating PVC sleeving	82
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**Structure:**

The product is made by extruding PVC to form a circular section tube. The sleeving is also manufactured in a version shielded with copper thinned wires (only for internal bore of 4 mm at most).

Shielded sleeving:

- for supplementary insulation in HF circuits
- for mechanical protection

Technical specification: PN-KV-055-99

Breakdown voltage: see the table

Thermal endurance: -10 °C to +105 °C

Colour design: black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), blue (BU),
grey (GY), white (WH),
green/yellow (GNYE)

Deliveries: coils

Ordering method:

The order shall contain:
ordered length in metres, sleeving type, version with shielding expressed in whole words (if required), dimension (nominal bore/wall thickness), sleeving colour and number of the standard.

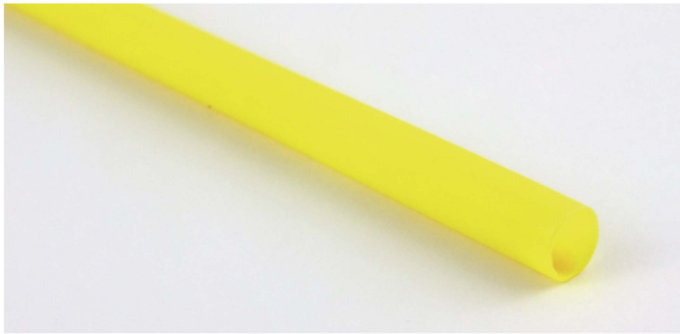
APPLICATION

For supplementary insulation of conductors and outlets, colour coding of conductors.

Dimension Internal diameter x wall thickness (mm)	Permissible tolerance for dimension of		Breakdown voltage at room temperature (kV)
	Internal diameter (mm)	Wall thickness (mm)	
0,5/0,3	+ 0,2	± 0,1	3
1,0/0,5	+ 0,25	± 0,1	5
1,5/0,5	+ 0,25	± 0,1	5
2,0/0,5	+ 0,4	± 0,1	5
2,5/0,5	+ 0,4	± 0,1	5
3,0/0,5	+ 0,4	± 0,1	5
4,0/0,5	+ 0,4	± 0,1	5
5,0/0,5	+ 0,4	± 0,1	5
6,0/0,5	+ 0,6	± 0,1	5
8,0/0,5	+ 0,6	± 0,1	5
10,0/0,5	+ 0,8	± 0,1	5
12,0/0,7	+ 0,8	± 0,1	6
16,0/0,85	+ 0,8	± 0,15	7

Flexible insulating PVC sleeving

Type IEC 60684-3-105



Technical specification: PN-KV-055-99

Breakdown voltage: see the table

Thermal endurance: -40 °C to +70 °C

Colour design: black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), blue (BU),
grey (GY), white (WH),
green/yellow (GNYE)

Deliveries: coils

Structure:

The product is made by extruding PVC to form a circular section tube. The sleeving is also manufactured in a version shielded with copper thinned wires (only for internal bore of 4 mm at most).

Shielded sleeving:

- for supplementary insulation in HF circuits
- for mechanical protection

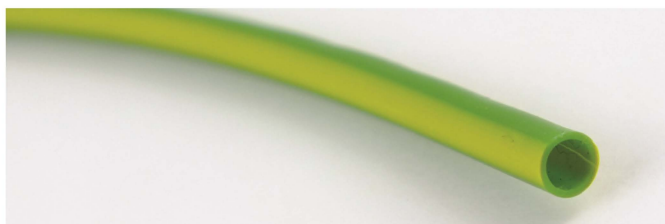
Ordering method:

The order shall contain:
ordered length in metres, sleeving type, version with shielding expressed in whole words (if required), dimension (nominal bore/wall thickness), sleeving colour and number of the standard.

APPLICATION

For supplementary insulation of conductors and outlets, colour coding of conductors.

Dimension Internal diameter x wall thickness (mm)	Permissible tolerance for dimension of		Breakdown voltage at room temperature (kV)
	Internal diameter (mm)	Wall thickness (mm)	
0,5/0,3	+ 0,2	± 0,1	3
1,0/0,5	+ 0,25	± 0,1	5
1,5/0,5	+ 0,25	± 0,1	5
2,0/0,5	+ 0,4	± 0,1	5
2,5/0,5	+ 0,4	± 0,1	5
3,0/0,5	+ 0,4	± 0,1	5
4,0/0,5	+ 0,4	± 0,1	5
5,0/0,5	+ 0,4	± 0,1	5
6,0/0,5	+ 0,6	± 0,1	5
8,0/0,5	+ 0,6	± 0,1	5
10,0/0,5	+ 0,8	± 0,1	5
12,0/0,7	+ 0,8	± 0,1	6
16,0/0,85	+ 0,8	± 0,15	7



Technical specification: PN-KV-055-99

Breakdown voltage: see the table

Thermal endurance: -55 °C to +180 °C

Colour design: black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), blue (BU),
grey (GY), white (WH),
green/yellow (GNYE), natural (NC)

Deliveries: coils, sealed in foil

Structure:

The sleeving is made by extruding rubber to form a circular section tube, which is followed by vulcanization.

Ordering method:

The order shall contain:
ordered length in metres, type, dimension (nominal bore/
wall thickness), sleeving colour and number of the standard.

APPLICATION

For additional and supplementary insulation of conductors and outlets, colour coding of conductors.

Dimension Internal diameter x wall thickness (mm)	Permissible tolerance for dimension of		Breakdown voltage at room temperature (kV)
	Internal diameter (mm)	Wall thickness (mm)	
0,5/0,2	- 0,1 +0,15	- 0,05 +0,15	2,4
0,8/0,2	- 0,1 +0,15	- 0,05 +0,15	2,4
1,0/0,2	- 0,15 +0,2	- 0,05 +0,15	2,4
1,0/0,4	- 0,15 +0,2	- 0,05 +0,15	4,7
1,0/0,5	- 0,15 +0,2	- 0,05 +0,15	5,5
1,0/1,0	- 0,15 +0,2	- 0,05 +0,15	10,7
1,0/1,5	- 0,15 +0,2	± 0,2	16,0
1,0/2,0	- 0,15 +0,2	± 0,2	20,0
1,5/0,4	- 0,15 +0,2	- 0,05 +0,15	4,7
1,5/1,5	- 0,15 +0,2	± 0,2	16,0
2,0/0,4	- 0,15 +0,2	- 0,05 +0,15	4,7
2,0/1,0	- 0,15 +0,2	± 0,2	10,7
2,0/1,5	- 0,15 +0,2	± 0,2	16,0
2,5/0,4	± 0,2	- 0,05 +0,15	5,5
2,5/0,7	± 0,2	- 0,05 +0,15	8,0
3,0/0,5	± 0,2	- 0,05 +0,15	5,5
3,0/1,5	± 0,2	± 0,2	16,0

Dimension Internal diameter x wall thickness (mm)	Permissible tolerance for dimension of		Breakdown voltage at room temperature (kV)
	Internal diameter (mm)	Wall thickness (mm)	
4,0/0,5	± 0,2	- 0,05 +0,15	5,5
4,0/1,0	± 0,2	- 0,05 +0,15	10,7
4,0/1,5	± 0,2	± 0,2	16,0
5,0/0,5	± 0,2	- 0,05 +0,15	5,5
5,0/1,5	± 0,2	± 0,2	16,0
6,0/0,7	± 0,25	- 0,05 +0,15	8,0
6,0/1,5	± 0,25	± 0,2	16,0
6,0/2,0	± 0,25	± 0,2	20,0
8,0/0,7	± 0,25	- 0,05 +0,15	8,0
8,0/1,5	± 0,25	± 0,2	16,0
8,0/2,0	± 0,25	± 0,2	20,0
10,0/1,0	± 0,25	- 0,05 +0,15	10,7
10,0/2,0	± 0,25	± 0,2	20,0
12,0/1,0	± 0,25	- 0,05 +0,15	10,7
12,0/2,0	± 0,25	± 0,2	20,0
16,0/1,5	± 0,5	± 0,2	16,0
16,0/2,0	± 0,5	± 0,2	20,0
20,0/1,5	± 0,5	± 0,2	16,0
20,0/2,0	± 0,5	± 0,2	20,0
25,0/1,5	± 0,5	± 0,2	16,0
25,0/2,0	± 0,5	± 0,2	20,0



Technical specification: ČSN 64 6551

Test voltage: see the table

Thermal endurance: -40 °C to +70 °C

Colour design: black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), dark blue (DB),
light blue (LB), grey (GY),
white (WH), green/yellow (GNYE)

Deliveries: coils

Structure:

The sleeving is made of PVC. Also manufactured in a version shielded with copper thinned wires (only for dimension 4.0x0.50 at most).

Shielded sleeving:

- for supplementary insulation in HF circuits
- for mechanical protection

Ordering method:

The order shall contain:
ordered volume, sleeving type, colour design defined by a code, dimension and number of the standard; (shielding is ordered via code 9 that is put behind the colour code).

APPLICATION

For additional and supplementary insulation of conductors and outlets, colour coding of conductors.

Nominal internal diameter x wall thickness (mm)	Permissible tolerance of internal diameter (mm)	Permissible tolerance of wall thickness (mm)	Test voltage in dry conditions (kV)	Informative weight - bare (kg/km)	Informative weight - shielded (kg/km)
0,5 x 0,25	± 0,1	± 0,1	2,5	0,8	7,5
1,0 x 0,50	+ 0,2	± 0,2	4,0	3,1	11,1
1,5 x 0,50	+ 0,2	± 0,2	4,0	4,1	13,3
2,0 x 0,50	+ 0,3	± 0,2	4,0	5,1	15,6
2,5 x 0,50	+ 0,3	± 0,2	4,0	6,1	20,3
3,0 x 0,50	+ 0,3	± 0,2	4,0	7,1	22,6
3,5 x 0,50	+ 0,3	± 0,2	4,0	8,2	25,2
4,0 x 0,50	+ 0,4	± 0,2	4,0	9,2	30,0
5,0 x 0,50	+ 0,4	± 0,2	4,0	11,2	-
5,5 x 0,50	+ 0,5	± 0,2	4,0	12,0	-
6,0 x 0,50	+ 0,6	± 0,2	4,0	13,3	-
7,0 x 0,50	+ 0,7	± 0,2	4,0	15,3	-
8,0 x 0,50	+ 0,8	± 0,2	4,0	17,3	-
9,0 x 0,50	+ 0,9	± 0,2	4,0	19,4	-
10,0 x 0,50	+ 1,0	± 0,2	4,0	21,4	-
12,0 x 0,60	+ 1,0	± 0,2	6,0	31,5	-
13,0 x 0,60	+ 1,0	± 0,2	6,0	32,0	-
14,0 x 0,60	+ 1,0	± 0,2	6,0	35,8	-
16,0 x 0,70	+ 1,0	± 0,2	6,0	47,9	-

POSSIBLE PRODUCED SCALE

Internal diameter (mm)	Wall thickness				
	0,25 mm	0,4 mm	0,5 mm	0,6 mm	0,7 mm
0,5	+	0	0	0	0
1,0		+	0	0	0
1,5		+	0	0	0
2,0	-	+	0	0	0
2,5		+	0	0	0
3,0		+	0	0	0
3,5	-	+	0	0	0
4,0		+	0	0	0
5,0		+	+	0	0
5,5	-	+	0	0	0
6,0		+	0	0	0
7,0		+		0	0
8,0	-	+	-	0	0
9,0	-	+		0	0
10,0		+		0	0
13,0	-	0	-	+	0
14,0		0	-	+	0
16,0	-	0	-	0	+

+ - standardly produced dimension

0 - produced by prior agreement with the manufacturer

- - dimension is not produced



Technical specification: ČSN 64 6551

Test voltage: see the table

Thermal endurance: -10 °C to +105 °C

Colour design: black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), dark blue (DB),
light blue (LB), grey (GY),
white (WH), green/yellow (GNYE)

Deliveries: coils

Structure:

The sleeving is made of heat-resistant PVC.
Also manufactured in a version shielded with copper thinned wires (only for dimension 4.0x0.50 mm at most).

Shielded sleeving:

- for supplementary insulation of heat stressed high-frequency circuits
- for mechanical protection

Ordering method:

The order shall contain:
ordered volume, sleeving type, colour design defined by a code, dimension and number of the standard; (shielding is ordered via code 9 put behind the colour code).

APPLICATION

For additional and supplementary insulation of conductors and outlets, colour coding of conductors.

Nominal internal diameter x wall thickness (mm)	Permissible tolerance of internal diameter (mm)	Permissible tolerance of wall thickness (mm)	Test voltage in dry conditions (kV)	Informative weight - bare (kg/km)	Informative weight - shielded (kg/km)
0,5 x 0,25	± 0,1	± 0,1	2,5	0,8	7,5
1,5 x 0,50	+ 0,2	± 0,2	4,0	4,1	13,3
2,5 x 0,50	+ 0,3	± 0,2	4,0	6,1	20,3
3,5 x 0,50	+ 0,3	± 0,2	4,0	8,2	25,4
4,0 x 0,50	+ 0,4	± 0,2	4,0	9,2	29,0
5,0 x 0,50	+ 0,4	± 0,2	4,0	11,2	-
6,0 x 0,50	+ 0,6	± 0,2	4,0	13,3	-
7,0 x 0,50	+ 0,7	± 0,2	4,0	15,3	-
8,0 x 0,50	+ 0,8	± 0,2	4,0	17,3	-
9,0 x 0,50	+ 0,9	± 0,2	4,0	19,4	-
10,0 x 0,50	+ 1,0	± 0,2	4,0	21,4	-
12,0 x 0,60	+ 1,0	± 0,2	6,0	27,5	-
14,0 x 0,60	+ 1,0	± 0,2	6,0	35,8	-
16,0 x 0,70	+ 1,0	± 0,2	6,0	52,0	-
8,0 x 0,80	+ 0,8	± 0,2	6,0	32,0	-

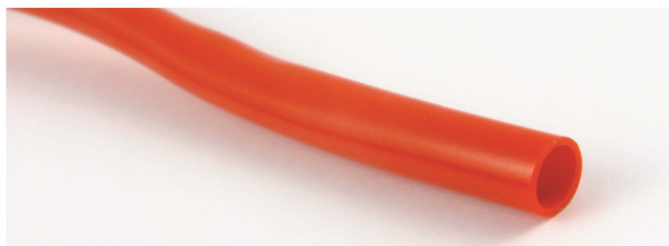
POSSIBLE PRODUCED SCALE

Internal diameter (mm)	Wall thickness						
	0,25 mm	0,5 mm	0,6 mm	0,7 mm	0,8 mm	1,0 mm	2,0 mm
0,5	+	0	0	0	0		
1,0	-	+	0	0	0	-	-
1,5		+	0	0	0	0	-
2,0	-	+	0	0	0	0	0
2,5		+	0	0	0	0	0
3,0		+	0	0	0	0	0
3,5	-	+	0	0	0	0	0
4,0		+	0	0	0	0	0
5,0	-	+	+	0	+	0	0
5,5		0	0	0	0	0	+
6,0		+	+	0	0	0	0
6,5	-	+	0	0	0	0	0
7,0		+	0	0	0	0	0
7,5	-	+	0	0	0	0	0
8,0		+	0	0	+	0	0
8,5	-	+	0	0	0	0	0
9,0		+	0	0	0	0	0
10,0	-	+	0	0	0	0	0
12,0		0	+	0	+	0	0
14,0		0	+	0	0	0	0
16,0	-	+	0	+	0	0	0

+ - standardly produced dimension

0 - produced by prior agreement with the manufacturer

- - dimension is not produced



Structure:

The sleeving is made of PE (polyethylene). Also manufactured in a version shielded with copper thinned wires.

Technical specification: ČSN 64 6551

Test voltage: see the table

Thermal endurance: -50 °C to +80 °C

Colour design: black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), dark blue (DB),
light blue (LB), grey (GY),
white (WH), green/yellow (GNYE)

Deliveries: coils

Ordering method:

The order shall contain:
ordered volume, sleeving type, colour design defined by a code, dimension and number of the standard; (shielding is ordered via code 9 that is put behind the colour code).

APPLICATION

For additional insulation, usually in communication devices. It is flammable; it melts and trickles when burning.

Nominal internal diameter x wall thickness (mm)	Permissible tolerance of internal diameter (mm)	Permissible tolerance of wall thickness (mm)	Test voltage in dry conditions (kV)	Informative weight - bare (kg/km)	Informative weight - shielded (kg/km)
1,5 x 0,30	+ 0,2	± 0,15	5	1,8	9,3
1,5 x 0,30	+ 0,2	± 0,15	5	2,4	11,1
1,5 x 0,50	+ 0,2	± 0,15	5	3,0	13
2,5 x 0,50	+ 0,3	± 0,20	5	4,5	18,7
3,5 x 0,50	+ 0,4	± 0,20	5	6,2	23,4
4,0 x 0,50	+ 0,4	± 0,20	5	7,0	26,8
5,0 x 0,50	+ 0,4	± 0,20	5	8,7	not manufactured
6,0 x 0,50	+ 0,5	± 0,20	5	10,0	not manufactured

POSSIBLE PRODUCED SCALE

Internal diameter (mm)	Wall thickness		
	0,4 mm	0,5 mm	0,6 mm
1,0	+	0	0
1,5	+	0	0
2,0	+	0	0
2,5	0	+	+
3,0	0	+	+
3,5	0	+	0
4,0	0	+	0
5,0	0	+	0
6,0	-	+	0

+ - standardly produced dimension

0 - produced by prior agreement with the manufacturer

- - dimension is not produced

Insulating sleeving for operating temperature up to 135 °C

Type 947



Structure:

The sleeving is made of PE (polyethylene).

Technical specification:

PN-KV-040-94

Test voltage:

see the table

Thermal endurance:

-55 °C to +135 °C

Colour design:

black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), dark blue (DB),
white (WH)

Deliveries:

in 1-metre-long bundled pieces

Ordering method:

The order shall contain:
ordered volume, sleeving type, colour design
(code), dimension and number of the standard.

APPLICATION

As an electrical insulation of metal terminals, additional protection of connector couplings, individual protection of various shaped couplings and profiled outlets. After ignition, it burns and drips. It is mildewproof, not UV radiation resistant.

Dimension		Test voltage in an environment acc. to ČSN 34 6550		
Supplied stage	After shrinkage	a	b	c
Minimal internal diameter (mm)	Max. internal diameter x wall thickness (mm)	(kV)	(kV)	(kV)
2,1	0,7 x 0,35 ± 0,1	2,0	2,0	1,5
2,4	1,2 x 0,50 ± 0,1	5,0	5,0	5,0
3,2	1,6 x 0,50 ± 0,1	5,0	5,0	5,0
4,8	2,4 x 0,50 ± 0,1	5,0	5,0	5,0
6,4	3,2 x 0,60 ± 0,1	8,0	8,0	7,0
9,5	4,8 x 0,60 ± 0,1	8,0	8,0	7,0
12,7	6,4 x 0,60 ± 0,1	8,0	8,0	7,0
19,1	9,5 x 0,70 ± 0,1	10,0	10,0	9,0



Technical specification: ČSN 64 6551

Test voltage: see the table

Thermal endurance: -50 °C to +180 °C

Colour design: black (BK), brown (BN)
red (RD), yellow (YE)
green (GN), dark blue (DB),
light blue (LB), grey (GY),
white (WH), green/yellow (GNYE), natural (NC)

Deliveries: in 1-metre-long bundled pieces

Structure:

The sleeving is made of silicone rubber.

Ordering method:

The order shall contain:
ordered volume, sleeving type, colour design (code),
dimension and number of the standard

APPLICATION

For additional and supplementary insulation of conductors and outlets, colour coding of conductors.

Nominal internal diameter x wall thickness (mm)	Permissible tolerance of internal diameter (mm)	Permissible tolerance of wall thickness (mm)	Test voltage in dry conditions (kV)	Informative weight (kg/km)
0,4 x 0,25	+ 0,1	± 0,1	2,5	1,0
0,5 x 0,25	+ 0,1	± 0,1	2,5	1,2
0,8 x 0,25	+ 0,1	± 0,1	2,5	1,4
1,0 x 0,25	+ 0,1	± 0,1	2,5	2,3
1,5 x 0,30	+ 0,2	± 0,1	3,5	2,5
2,0 x 0,30	+ 0,3	± 0,1	3,5	4,3
2,5 x 0,30	+ 0,3	± 0,1	3,5	6,6
2,7 x 0,30	+ 0,3	± 0,1	3,5	5,0
1,0 x 0,40	+ 0,1	± 0,1	3,5	2,9
1,0 x 0,50	+ 0,2	± 0,2	3,5	3,3
2,5 x 0,50	+ 0,3	± 0,1	3,5	7,6
3,0 x 0,50	+ 0,3	± 0,1	3,5	9,5
4,0 x 0,50	+ 0,4	± 0,1	3,5	12,5
5,0 x 0,50	+ 0,4	± 0,1	3,5	19,5
6,0 x 0,60	+ 0,4	± 0,1	5,0	22,0
6,0 x 0,70	+ 0,6	± 0,2	5,0	27,5
7,0 x 0,70	+ 0,7	± 0,2	5,0	31,3
2,5 x 0,75	+ 0,3	± 0,2	5,0	10,8
8,0 x 0,80	+ 0,8	± 0,2	5,0	39,6
9,0 x 0,80	+ 0,9	± 0,2	5,0	44,0

Nominal internal diameter x wall thickness (mm)	Permissible tolerance of internal diameter (mm)	Permissible tolerance of wall thickness (mm)	Test voltage in dry conditions (kV)	Informative weight (kg/km)
1,0 x 1,00	+ 0,2	± 0,2	5,0	8,8
2,0 x 1,00	+ 0,3	± 0,2	5,0	12,4
4,0 x 1,00	+ 0,4	± 0,2	5,0	20,3
10,0 x 1,00	+ 1,0	± 0,2	5,0	29,4
12,0 x 1,10	+ 1,0	± 0,2	8,0	69,7
14,0 x 1,20	+ 1,0	± 0,2	8,0	80,3
1,0 x 1,50	+ 0,2	± 0,2	8,0	16,5
1,5 x 1,50	+ 0,2	± 0,2	8,0	20,0
2,0 x 1,50	+ 0,3	± 0,2	8,0	25,0
3,0 x 1,50	+ 0,3	± 0,2	8,0	30,0
4,0 x 1,50	+ 0,4	± 0,2	8,0	38,0
5,0 x 1,50	+ 0,4	± 0,2	8,0	43,0
6,0 x 1,50	+ 0,6	± 0,2	8,0	61,0
8,0 x 1,50	+ 0,8	± 0,2	8,0	93,6
16,0 x 1,50	+ 1,0	± 0,3	8,0	100,0
18,0 x 1,50	+ 1,5	± 0,2	8,0	128,5
20,0 x 1,50	+ 1,5	± 0,2	8,0	128,5
25,0 x 1,50	+ 2,0	± 0,2	8,0	128,5
1,0 x 2,00	+ 0,2	± 0,2	10,0	26,4
5,0 x 2,00	+ 0,4	± 0,2	10,0	62,0
10,0 x 2,00	+ 1,0	± 0,2	10,0	112,0
12,0 x 2,00	+ 1,0	± 0,2	10,0	205,0
3,0 x 3,00	+ 0,3	± 0,3	10,0	75,2
6,0 x 3,00	+ 0,6	± 0,3	10,0	119,0
8,0 x 3,00	+ 0,8	± 0,3	10,0	145,0
10,0 x 3,00	+ 1,0	± 0,3	10,0	172,0
14,0 x 3,00	+ 1,0	± 0,3	10,0	230,0
16,0 x 4,00	+ 1,0	± 0,3	10,0	352,0
22,0 x 4,00	+ 1,0	± 0,3	10,0	458,0
8,0 x 5,00	+ 0,8	± 5	10,0	286,0

POSSIBLE PRODUCED SCALE

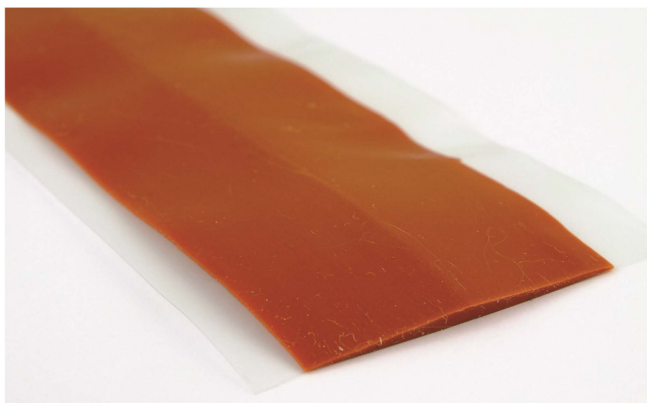
Internal diameter (mm)	Wall thickness																		
	0,2 mm	0,25 mm	0,3 mm	0,4 mm	0,5 mm	0,7 mm	1,0 mm	1,5 mm	1,85 mm	2,0 mm	2,1 mm	2,2 mm	2,5 mm	2,6 mm	2,7 mm	3,0 mm	4,0 mm	5,0 mm	
0,5	0	+	0	0	+	0	+	0				-	-		-	-			
0,8	0	+	0	0	0	0	+	-	-	-	-	-	-	-	-	-	-	-	-
1,0	0	+	0	+	+	0	+	+	0	+	0								
1,2	0	0	0	0		0	+	0	0	0	0	-	-	-	-	-	-	-	-
1,5		-	+		0		+	+	0	0									
1,7	-		0	0	+	0	0	0	0	0	-	-	-	-	-	-	-	-	-
1,8			0	0	0	0	+	0	0	0	-	-	-						
2,0		-	0	0	0	0	+	+	0	+	0	0	0	-	-	-	-	-	-
2,2	-		0	0	0	0	+	0	0	0	0	0	0	-	-				
2,5		-	+	0	0	0	+	0	0	0	0	0	0	0	0	-	-	-	-
2,6	-	-	0	0	+	+	0	0	+	0	0	0	0	0	0	-	-	-	-
2,7			+	0	0	0	0	0	0	0	0	0	0	+	+			0	
2,8	-	-	-	0	0	0	+	0	0	0	0	0	0	0	0	0	-	-	-
3,0				0	0	0	+	+	0	0	0	0	0	0	0	+	0	0	0
3,1	-	-		0	0	0	0	0	0	0	0	0	+	+	0	0	0	0	0
3,5			-	0	0	0	+	0	0	0	0	0	0	0	0	0	0	0	0
3,7	-	-		0	0	0	0	0	0	0	+	+	0	0	0	0	0	0	0
4,0		-	-	-	0	0	+	+	0	0	0	0	0	0	0	0	0	0	0
4,1	-			-	+	0	0	0	0	+	+	0	0	0	0	0	0	0	0
5,0		-			0	0	0	+	0	+	0	0	0	0	0	0	0	0	0
5,5			-		+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6,0	-			-	0	0	0	+	0	0	0	0	0	0	0	+	0	0	0
7,0		-	-	-		+	0	0	0	0	0	0	0	0	0	0	0	0	0
8,0		-			-	+	0	+	0	0	0	0	0	0	0	+	0	+	+
9,0	-		-	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10,0		-	-	-	-		+	0	0	+	0	0	0	0	0	+	0	0	0
11,0	-	-		-		-	0	0	0	0	0	0	0	0	0	0	0	0	0
12,0		-	-		-		+	0	0	+	0	0	0	0	0	0	0	0	0
13,0	-				-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
14,0				-				0	0	0	0	0	0	0	0	+	0	0	0
15,0	-	-	-		-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
16,0		-						+	0	0	0	0	0	0	0	0	+	0	0
17,0			-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
18,0	-	-						+	0	0	0	0	0	0	0	+	0	0	0
19,0			-		-		-	0	0	0	0	0	0	0	0	0	0	0	0
20,0	-	-		-		-		+	0	0	0	0	0	0	0	0	0	0	0
21,0		-	-		-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
22,0	-		-					0	0	0	0	0	0	0	0	0	+	0	0
23,0					-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
24,0		-	-		-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
25,0	-	-	-	-	-	-	-	+	0	0	0	0	+	0	0	0	0	0	0

+ - standardly produced dimension

0 - produced by prior agreement with the manufacturer

- - dimension is not produced

Adhesive silicone rubber tape (self-vulcanizing)



Structure:

The tape is of triangular section, made of special silicone rubber mixture, without mechanical reinforcing components.

Technical specification: TP-ProPS-06/15

Test voltage: see the table

Thermal endurance: -55 °C to +180 °C

Colour design: only in red-brown
Colour is not specified in the order.

Deliveries: in boxes

Ordering method:

The order shall contain:
ordered volume (kg), product name, nominal width of the tape and number of the standard.

APPLICATION

As an electroinsulating material for coil windings of electrical machines.

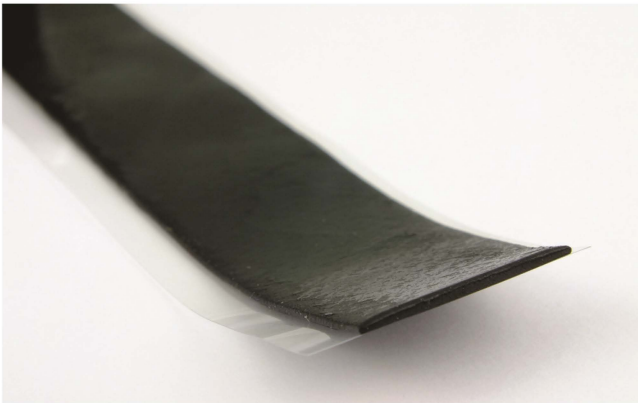
For service repairs.

For other similar purposes.

It is not adhesive to the touch, it is adhesive with the mutual touch of two layers of the tape. The wound layers adhere to each other at room temperature within a few minutes, perfect connection comes approx. 10 hours later.

Dimension width x thickness (mm)	Maximal dimension (mm)	Test voltage (kV)	Informative length of the tape per unit of weight (m/kg)
10,0 x 0,7	12,0 x 0,9	8	132
20,0 x 1,2	22,0 x 1,4	10	43
30,0 x 1,8	32,0 x 2,0	12	25

Self-bonding rubber tape



Technical specification:	TDL RT20
Test voltage:	see the table
Thermal endurance:	-25 °C to +70 °C
Colour design:	natural (grey), black
Maximal ductility:	500 %
Deliveries:	pieces in blisters, length 3 and 5 m

Structure:

A self-bonding tape of rectangular section with smooth non-adhesive surface on both sides, without mechanical reinforcing components.

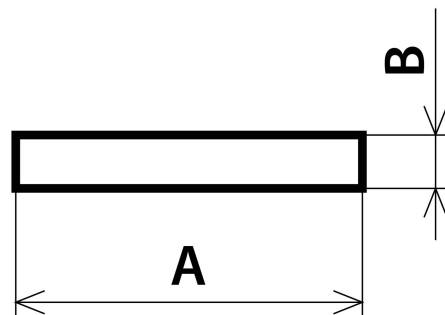
Ordering method:

The order shall contain the product name, colour, number in pieces, length in metres.

APPLICATION

For service repairs, for plumbing, as an electroinsulating material. The wound layers are joined within a few minutes.

Nominal tape width (mm)	Dimensions (mm)		Min. electric strenght (kV)
	A	B	
20	20 ± 2	1,1 ± 0,2	10 (1,5 mm)



Knitted tube for operating temperature up to 155 °C

Type 300



Technical specification: ČSN 34 6555 part 1

Thermal endurance: -50 °C to +155 °C

Colour design: only in white
Colour is not specified in the order.

Dimension: Specified as a width of the flattened tube when loaded with a force of 10 N.
The tube is manufactured in dimension line:
1, 2, 3, 4, 5, 6, 8, 10, 12, 14 a 16 mm

Deliveries: coils

Structure:

The tube is knitted of polyethylene terephthalate silk.

Ordering method:

The order shall contain:
ordered quantity (m), tube type, tube width and number of the standard.

APPLICATION

As an additional insulation when combined with suitable varnish, alone as an additional mechanical protection.

**Structure:**

The tube is knitted of glass silk.

Technical specification: ČSN 34 6559 part 1

Thermal endurance: -100 °C to +450 °C

Colour design: only in white
Colour is not specified in the order.

Dimension: Specified as a width of the flattened tube when loaded with a force of 10 N. The tube is manufactured in dimension line: 1, 3, 4, 5, 6, 8, 10, 12, 14, 16, 20 a 25 mm

Deliveries: coils

Ordering method:

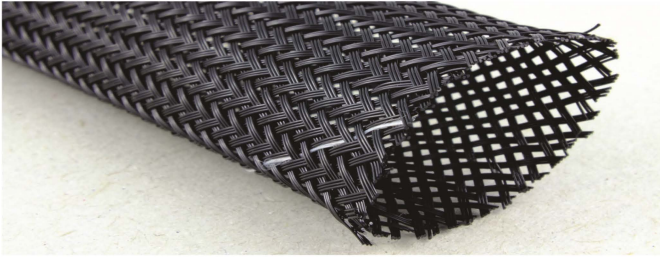
The order shall contain:
ordered quantity (m), tube type, tube width and number of the standard.

APPLICATION

As an additional insulation when combined with suitable varnish, alone as an additional mechanical protection.

Knitted polyester tube

Type 325



Structure:

The tube is knitted of strands of three polyester monofilaments (PET).

Technical specification: PN-KV-059-99

Thermal endurance: -40 °C to +155 °C

Colour design: only in black
Colour is not specified in the order.

Dimension: The tube is manufactured in dimension line:
4, 8, 12, 14, 19, 25 a 33 mm
(diameter of circular cross-section)
The tube is delivered in flattened state.

Deliveries: coils or
as separate pieces of the required length

Ordering method:

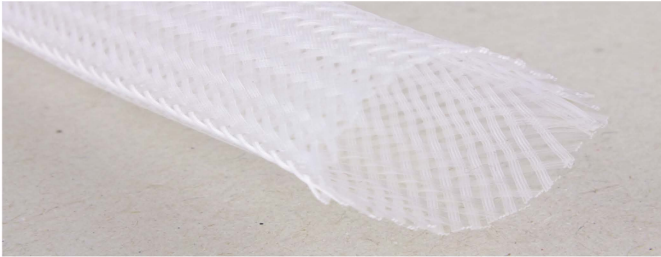
The order shall contain:

When delivered in metres: ordered quantity (m), tube type, internal bore after the dash and number of the standard.

When delivered in pieces: tube type, internal bore after the dash, length of the respective pieces after the slash (mm) and number of the standard.

APPLICATION

For additional mechanical protection of electric wiring or another line.

**Structure:**

The tube is knitted of strands of three polyamide monofilaments (PA).

Technical specification: PN-KV-059-99

Thermal endurance: -40 °C to +100 °C

Colour design: only in white
Colour is not specified in the order.

Dimension: The tube is manufactured in dimension line:
8, 14, 19 a 33 mm
(diameter of circular cross-section)
Other diameters on request
The tube is delivered in flattened state.

Deliveries: coils or
as separate pieces of the required length

Ordering method:

The order shall contain:

When delivered in metres: ordered quantity (m), tube type, internal bore after the dash and number of the standard.

When delivered in pieces: tube type, internal bore after the dash, length of the respective pieces after the slash (mm) and number of the standard.

APPLICATION

For additional mechanical protection of electrical or other wiring, in the automotive industry as protection of fuel pipes and as an additional protection of harnesses in extremely stressed areas.

Identification profile

KAPRO-YB 003



Technical specification: PN-KV-004-91

Thermal endurance: -5 °C to +70 °C

Colour design: white (WH), yellow (YE)
Other colours on request.

Deliveries: coils

Structure:

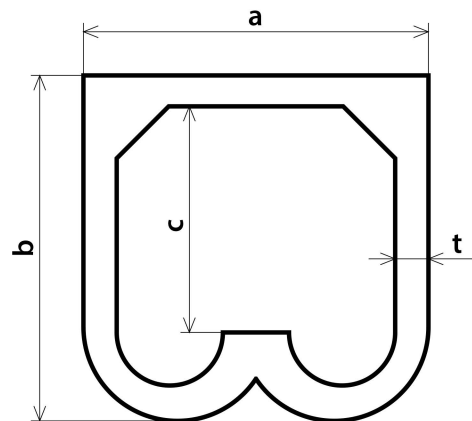
The profile is made of PVC.

APPLICATION

The profile is intended for electrical engineering to identify cables in cases where there are more cables of the same colour used.

Nominal dimension		1,5	2,5	4
Recommended max. diameter of used cable		3,3	3,9	4,4
a		4,0	5,0	6,0
b	± 0,2	4,0	5,0	6,0
c		2,6	3,3	3,9
t	± 0,1	0,4	0,5	0,6

Nominal dimension		6	10	16
Recommended max. diameter of used cable		5,3	7,1	8,4
a		6,5	8,8	10,2
b	± 0,3	6,5	9,0	10,0
c		5,5	7,2	8,8
t	± 0,2	0,5	0,6	0,6





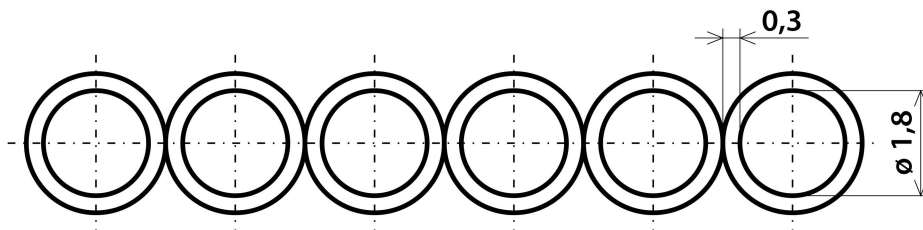
Technical specification:	PN-KV-004-91
Thermal endurance:	-60 °C to +180 °C
Colour design:	white (WH), natural (NC) Other colours on request.
Deliveries:	coils wrapped in foil
Production to order	

Structure:

The profile is made of silicone rubber.

APPLICATION

The profile is intended for various sealing purposes, e.g. between double windows. The profile is ozone resistant, UV radiation resistant, mildewproof, resistant to diluted acids and alkali. Chlorinated aromatic hydrocarbons cause swelling and reduction of mechanical properties. It is not flame spread resistant.

Informative dimensions (mm):

Sealing profile for windows and doors

KAPRO-Si 002



Technical specification: PN-KV-004-91

Thermal endurance: -60 °C to +180 °C

Colour design: white (B), natural (P),
black (C), red (R), brown (H),
green (Z), yellow (ZL), blue (M), grey (S)

Deliveries: coils wrapped in foil

Production to order

Structure:

The profile is made of silicone rubber.

APPLICATION

The profile is intended for various sealing purposes, e.g. in construction industry for sealing of windows, doors and power distribution boxes. Its shape enables fastening by means of a suitable 3 mm wide groove. It is ozone resistant, UV radiation resistant, mildewproof, resistant to diluted acids and alkali. Chlorinated aromatic hydrocarbons cause swelling and reduction of mechanical properties. It is not flame spread resistant.

Informative dimensions (mm):

Ø a	10	12

