



Heat-shrink sheaths

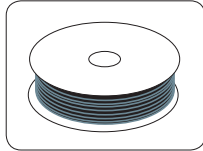
THIN-WALL



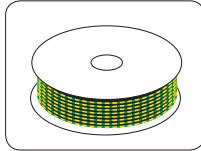
LST-TEC
Sheaths in dispensers for commercial use



RayRoll / MaxiRoll
Sheaths in dispensers for industrial use



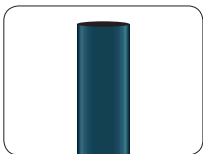
CGP-TEC
Sheaths in coils or commercial use



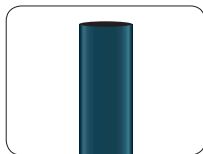
DCP-TEC
Sheaths in coils for grounding cables



RDCT-B
Tubes in bars for general use



RGPO-B
Tubes in bars for general use

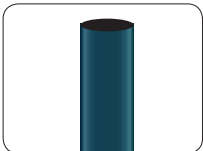


Ray-Tum
Semi-flexible sheath in bars



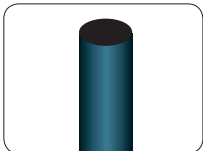
Thermo Mini Mix
Precut sheath kit

MEDIUM WALL



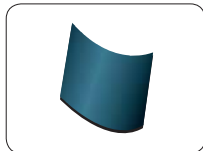
MTR

HEAVY WALL



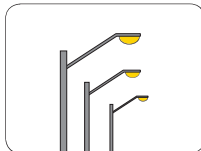
Ray-CSM

WRAP AROUND



Ray-RSM
Winding sheath

POLE PROTECTION



WPC / LTPSM
Sheaths for lighting poles



Colour table

- Black
- Red
- Blue
- Yellow
- White
- ⊙ Transparent
- Yellow Green

Moulded parts

CAPS

Self-sealing cap



TERMINATIONS

LV terminations





HEAT-SHRINK

THIN-WALL SHEATHS

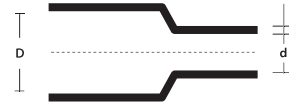
LV

Tensile resistance	14,8 MPa
Elongation	460 %
Tensile resistance after ageing	14,5*
Elongation after ageing	480 %*
Dielectric strength	17 kV/mm*
Flammability	VW1*
Minimum shrinkage temperature	70°C

* (UL 224 test method)

Thin-wall sheaths

Flexible heat-shrink modified polyolefin sheaths, cross linked by means of radiation. Longitudinal shortening up to 15%. Suitable for insulation and covering of conductors and their connections, bars. etc. Replace self-adhesive, self-amalgamating insulating tapes.



“UL” standard



Operating temperature:
-55°C / +120°C

D = Ø min. before shrinkage

d = Ø max. after free shrinkage

S = min. rated thickness after free shrinkage (+/- 20%)



LST-TEC

Heat-shrink in dispensers for commercial use.

Product	Colour	D (mm)	d (mm)	S (mm)	Length (m)
LST-TEC 1,6	● ●	1,6	0,8	0,50	10
LST-TEC 2,4	● ●	2,4	1,2	0,55	10
LST-TEC 3,2	● ●	3,2	1,6	0,55	10
LST-TEC 4,8	● ●	4,8	2,4	0,55	9
LST-TEC 6,4	● ●	6,4	3,2	0,65	8
LST-TEC 9,5	● ●	9,5	4,8	0,65	6
LST-TEC 12,7	● ●	12,7	6,4	0,65	6
LST-TEC 19,0	● ●	19,0	9,5	0,80	5
LST-TEC 25,4	● ●	25,4	12,7	0,95	3
LST-TEC-GV 3/1,5	● ●	3	1,5	0,51	7
LST-TEC-GV 4,8/2,4	● ●	4,8	2,4	0,55	10
LST-TEC-GV 6/3	● ●	6	3	0,58	5
LST-TEC-GV 10/5	● ●	10	5	0,64	4
LST-TEC-GV 12/6	● ●	12	6	0,65	7
LST-TEC-GV 19/9	● ●	19	9	0,74	3
LST-TEC-GV 26/13	● ●	26	16	0,89	2,5



Ray Roll

Heat-shrink in dispensers for industrial use.

Product	Colour	D (mm)	d (mm)	S (mm)	Length (m)
Ray Roll 1,6	●	1,6	0,8	0,50	20
Ray Roll 2,4	●	2,4	1,2	0,55	20
Ray Roll 3,2	●	3,2	1,6	0,55	10
Ray Roll 4,8	●	4,8	2,4	0,55	10
Ray Roll 6,4	●	6,4	3,2	0,65	10
Ray Roll 9,5	●	9,5	4,8	0,65	10
Ray Roll 12,7	●	12,7	6,4	0,65	10
Ray Roll 19,0	●	19,0	9,5	0,80	5
Ray Roll 25,4	●	25,4	12,7	0,95	5

Maxi Roll

Heat-shrink in maxi dispensers for industrial use.

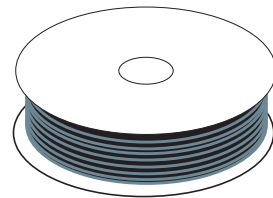
Product	Colour	D (mm)	d (mm)	S (mm)	Lenght (m)
Maxi Roll 1,6	●	1,6	0,8	0,50	300
Maxi Roll 2,4	●	2,4	1,2	0,55	300
Maxi Roll 3,2	●	3,2	1,6	0,55	300
Maxi Roll 4,8	●	4,8	2,4	0,55	150
Maxi Roll 6,4	●	6,4	3,2	0,65	75
Maxi Roll 9,5	●	9,5	4,8	0,65	150
Maxi Roll 12,7	●	12,7	6,4	0,65	150
Maxi Roll 19,0	●	19,0	9,5	0,80	75
Maxi Roll 25,4	●	25,4	12,7	0,95	60



CGP-TEC

Sheath for commercial use.

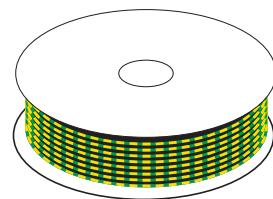
Product	Colour	D (mm)	d (mm)	S (mm)	Spool (m)
CGP-TEC 1,2/0,6	●●●●○Ⓟ	1,2	0,6	0,45	600
CGP-TEC 1,6/0,8	●●●●○Ⓟ	1,6	0,8	0,45	300
CGP-TEC 2,4/1,2	●●●●○Ⓟ	2,4	1,2	0,50	300
CGP-TEC 3,2/1,6	●●●●○Ⓟ	3,2	1,6	0,50	300
CGP-TEC 4,8/2,4	●●●●○Ⓟ	4,8	2,4	0,50	150
CGP-TEC 6,4/3,2	●●●●○Ⓟ	6,4	3,2	0,65	75
CGP-TEC 9,5/4,8	●●●●○Ⓟ	9,5	4,8	0,65	150
CGP-TEC 12,7/6,4	●●●●○Ⓟ	12,7	6,4	0,65	150
CGP-TEC 19/9,5	●●●●○Ⓟ	19,0	9,5	0,75	75
CGP-TEC 25,4/12,7	●●●●○Ⓟ	25,4	12,7	0,90	60
CGP-TEC 38/19	●●●●○Ⓟ	38,0	19,0	1,00	60
CGP-TEC 51/26	●●●●○Ⓟ	51,0	26	1,15	30
CGP-TEC 76/38	●●●●○Ⓟ	76,0	38,0	1,27	15
CGP-TEC 102/51	●●●●○Ⓟ	102,0	51,0	1,40	15



DCP-TEC

Sheath suitable for coating grounding cables.

Product	Colour	D (mm)	d (mm)	S (mm)	Spool (m)
DCP-TEC 3/1,5	●●	3,0	1,5	0,51	300
DCP-TEC 6/3	●●	6,0	3,0	0,58	75
DCP-TEC 10/5	●●	10,0	5,0	0,64	75
DCP-TEC 12/6	●●	12,0	6,0	0,64	75
DCP-TEC 19/9	●●	19,0	9,0	0,74	75
DCP-TEC 26/13	●●	26,0	13,0	0,89	30
DCP-TEC 38/19	●●	38,0	19,0	1,00	30





HEAT-SHRINK

THIN-WALL SHEATHS

LV

Minimum shrinkage temperature **125°**

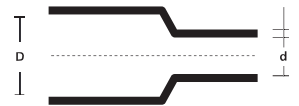
Operating temperature: **-55°C / +125°C**

Tensile resistance	14,8 MPa
Elongation	460 %
Tensile resistance after ageing	14,5*
Elongation after ageing	480 %*
Dielectric strength	17 kV/mm*
Flammability	VW1*

* (UL 224 test method)

Sheaths in bars

Flexible heat-shrink modified polyolefin sheaths, cross linked by means of radiation. Longitudinal shortening up to 15%. Suitable for insulation and covering of conductors and their connections, bars. etc. Replace self-adhesive, self-amalgamating insulating tapes.



D = Ø min. before shrinkage

d = Ø max. after free shrinkage

S = min. rated thickness after free shrinkage (+/- 20%)

RDCT-B

Yellow green tube for general use in bars.



Product	Colour	D (mm)	d (mm)	S (mm)	Bars (m)
RDCT-B 3/1,5		3,0	1,5	0,51	1,2
RDCT-B 6/3		6,0	3,0	0,58	1,2
RDCT-B 10/5		10,0	5,0	0,64	1,2
RDCT-B 12/6		12,0	6,0	0,64	1,2
RDCT-B 19/9		19,0	9,0	0,74	1,2
RDCT-B 26/13		26,0	13,0	0,89	1,2

RGPO-B

Tube for general use in bars.

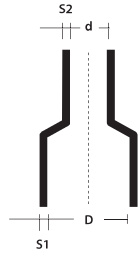


Product	Colour	D (mm)	d (mm)	S (mm)	Bars (m)
RGPO-B 2,4/1,2		2,4	1,2	0,50	1,2
RGPO-B 3,2/1,6		3,2	1,6	0,50	1,2
RGPO-B 4,8/2,4		4,8	2,4	0,50	1,2
RGPO-B 6,4/3,2		6,4	3,2	0,65	1,2
RGPO-B 9,5/4,8		9,5	4,8	0,65	1,2
RGPO-B 12,7/6,4		12,7	6,4	0,65	1,2
RGPO-B 19/9,5		19,0	9,5	0,75	1,2
RGPO-B 25,4/12,7		25,4	12,7	0,90	1,2
RGPO-B 38/19		38,0	19,0	1,00	1,2
RGPO-B 51/26		51,0	26	1,15	1,2



Ray-TUM

Sheaths in bars with adhesive.



D = Ø min. before shrinkage
 d = Ø max. after free shrinkage
 S1 = rated thickness as supplied
 S2 = min. rated thickness after free shrinkage

Shrinkage ratio 3:1						
Product	Colour	D (mm)	d (mm)	S ₂ (mm)	S ₁ (mm)	Bars (m)
Ray-TUM-3/1-0	●	3	1	1,00	0,5	1,2
Ray-TUM-6/2-0	●	6	2	1,00	0,5	1,2
Ray-TUM-9/3-0	●	9	3	1,40	0,6	1,2
Ray-TUM-12/4-0	●	12	4	1,75	0,7	1,2
Ray-TUM-19/6-0	●	19	6	2,25	0,8	1,2
Ray-TUM-24/8-0	●	24	8	2,50	1,0	1,2
Ray-TUM-40/13-0	●	40	13	2,50	1,0	1,2

Shrinkage ratio 4:1						
Product	Colour	D (mm)	d (mm)	S ₂ (mm)	S ₁ (mm)	Bars (m)
Ray-TUM-4/1-0	●	4	1	1,00	0,5	1,2
Ray-TUM-8/2-0	●	8	2	1,00	0,5	1,2
Ray-TUM-12/3-0	●	12	3	1,40	0,6	1,2
Ray-TUM-16/4-0	●	16	4	1,75	0,7	1,2
Ray-TUM-24/6-0	●	24	6	2,25	0,8	1,2
Ray-TUM-32/8-0	●	32	8	2,50	1,0	1,2
Ray-TUM-52/13-0	●	52	13	2,50	1,0	1,2



125° Minimum shrinkage temperature

Operating temperature: -55°C / +120°C

Tensile resistance	ISO 37	9 MPa (min)
Elongation	ISO 37	300 % (min)
Internal wall adhesion	-	60 N x 25 mm (min)
Thermal shock	4 h at 225°C	No-drip No breaking
Thermal ageing	168 h at 225°C	No-drip No breaking
Flexibility at low temperature	4 h at -55°C	No breaking
Dielectric strength	IEC 243	12 MV/m (min)
Resistance to fluids (lubricant oil, hydraulic fluid, diesel)	ISO 37 24 h at 23°C	Tensile resistance 7 Mpa (min) Elongation: 300% (min) Adhesion to int. walls: 60 N x 25 mm (min)

Thermo Mini Mix

Pre-cut heat-shrink sheaths kit.

Ready-for-installation heat-shrink sheaths in a practical, convenient kit sub-divided by diameter. Indispensable for Electrical systems, as a replacement for taped insulation, wiring of all types, switchboards, Hi-Fi, hobbies, DIY.

- Wide range of diameters and colours
- Always ready, quick application
- Flexible



COLOUR BLACK	MIXED COLOURS	Ø before and after shrinkage (mm)	Length of sheath (mm)	Pieces in the kit
Product	Product			
Thermo Mini Mix-N	Thermo Mini Mix-MC	1,0 / 0,5	97	60
		2,0 / 1,0	97	40
		3,0 / 1,5	97	30
		4,5 / 2,25	97	20
		6,0 / 3,0	97	10
		9,0 / 4,5	97	10



125° Minimum shrinkage temperature

Operating temperature: -55°C / +120°C

