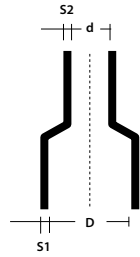




Ray-TUM

Sheaths in bars



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	Tensile resistance 7 Mpa (min)
	24 h	Elongation: 300% (min)
	at 23°C	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

