Heat shrink TNU-1 2:1 and 3:1

For industrial use

Features

TNU is a flexible, flame-retardant polyolefin heat shrinkable tubing.

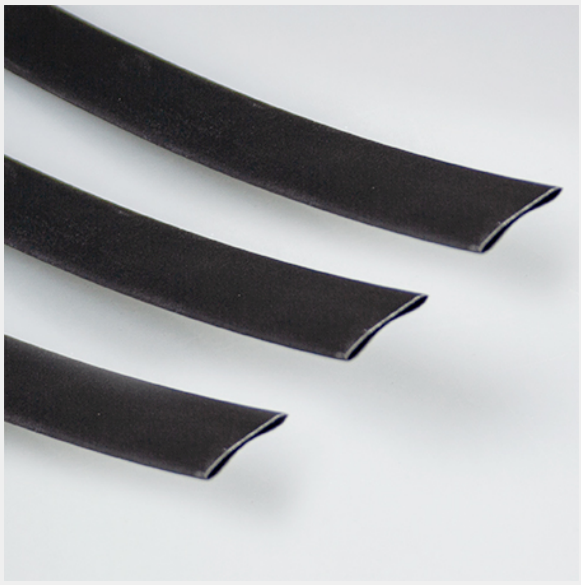
This tubing is low smoke generation, abrasion resistant and in case of burning, produces no dioxin.
TNU tubing is widely used in enclosed areas where a flame-retardant environment is required.

It is perfect for electrical applications and has uses in fields such as aerospace, automotive, construction, power delivery and mass transit vehicles, including busses, trains, airplanes and marine vessels.

Certifications:
UL, CUL, F-Mark, Sony Green Partner, REACH and RoHS

UL File number: E479361
*All colours except clear

Halogenfri Only in Black



Specifications

Shrink temperature:		90 °C
Operation Temperature range:		-55 °C – 125 °C
Radial shrinking ratio:		> 50%
Longitudinal change:		± 5%
Tensile strength:		>10.4 MPa
Elongation at break:		200%
Aging in circulation-air oven:		158.0 °C ± 1.0 °C, 168hrs
After aging:	Tensile strength	>7.3 MPa
	Elongation at break	>100%
Dielectric strenght:		≥15 kV/mm
Volume resistivity:		$\geq 10^{14}$ Ω. cm
Heat shock:		No cracking
Flammability:		UL 224 VW-1
Concentricity:		>7 0%
Max voltage:		600V
UV Resistance:		Black colour

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Size		As Supplied	After Recovery		Standard Package
Inch	mm	Inner Diameter (mm)	Inner Diameter Max (mm)	Wall Thickness Nom (mm)	Spool Length (M/spool)
3/64	0,8	1,1±0,2	0,50	0,22	400
1/16	1,0	1,5±0,2	0,65	0,28	400
-	1,5	2,0±0,2	0,85	0,32	400
3/32	2,0	2,5±0,2	1,00	0,35	400
-	2,5	3,0±0,2	1,30	0,38	400
1/8	3,0	3,5±0,2	1,50	0,40	400
-	3,5	4,0±0,2	1,80	0,42	400
-	4,0	4,5±0,2	2,00	0,45	400
3/16	4,5	5,0±0,2	2,30	0,50	200
-	5,0	5,5±0,2	2,50	0,55	200
1/4	6,0	6,5±0,2	3,00	0,55	200
5/16	7,0	7,5±0,3	3,50	0,55	100
-	8,0	8,5±0,3	4,00	0,60	100
3/8	9,0	9,5±0,3	4,50	0,60	100
-	10,0	10,5±0,3	5,00	0,60	100
-	11,0	11,5±0,3	5,50	0,60	100
1/2	12,0	12,5±0,3	6,00	0,60	100
-	13,0	13,5±0,3	6,50	0,65	100
-	14,0	14,5±0,3	7,00	0,65	100
5/8	15,0	15,5±0,4	7,50	0,70	100
-	16,0	16,5±0,4	8,00	0,70	100
-	17,0	17,5±0,4	8,50	0,70	100
3/4	18,0	19,0±0,5	9,00	0,80	100
-	20,0	21,0±0,5	10,00	0,80	100
-	22,0	23,0±0,5	11,00	0,80	100
1	25,0	26,0±0,5	12,50	0,90	50
-	28,0	29,0±0,5	14,00	0,90	50
1 1/4	30,0	31,5±1,0	15,00	0,95	50
-	35,0	36,5±1,0	17,50	0,95	50
1 1/2	40,0	41,5±1,0	20,00	0,95	50
-	45,0	46,5±1,0	22,50	1,00	25
2	50,0	≥50,0	25,00	1,10	25
-	60,0	≥60,0	31,00	1,00	25