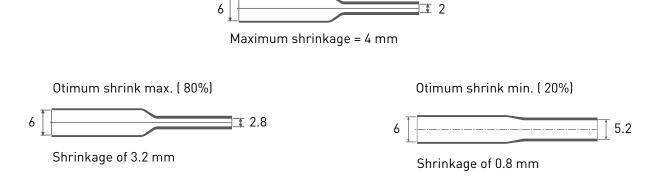


Conversion from imperal to metrics									
Zoll	1/32"	3/64"	1/16"	5/64"	3/32"	1/8"	3/16"	1/4"	3/8"
mm	0.8	1.2	1.6	2.0	2.4	3.2	4.8	6.4	9.5
Zoll	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"
mm	12.7	15.9	19.1	25.4	31.8	38.1	50.8	76.2	101.6

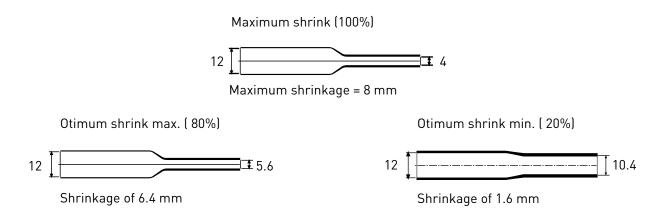
The right heat shrink tube

The 80:20 rule means that a heat shrink tube should shrink by a maximum of 80% and a minimum of 20%. For example: A cable with a diameter of 5 mm is to be wrapped in heat shrinkable tubing. In theory both sizes 6/2 and 12/4 would be suitablesince the required diameter of 5 mm lies with in the shrink range of both tube sizes.

Maximum shrink (100%)



Size 6/2 has a range of application of between 2.8 mm and 5.2 mm and is therefore suitable for the cable diameter of 5 mm.



The smallest application diameter of size 12/4 is 5.6 mm. This size is therefore unsuitable for a cable diameter of 5 mm.

SHRINK TECH

ShrinkTech® high shrink ratio tubing without adhesive



Material: modified polyolefin

Colour: black, other colors available on request

Packaging: spool Suitable for electronics and automotive industry, where components are of irregular sizes and shapes. Provides both insulation and sealing for protected articles. Recommended for open air use as well since it is UV stabilised.

- Without adhesive
- UL 224, 125 °C, VW-1
- Flexible
- Flame retardant
- Environmental friendly, free from toxic heavy metal compounds















Property	Method of test	Value		
Tensile strength	ASTM D 638	14 MPa		
Elongation at break	ASTM D 638	400%		
Elongation at break after ageing	ASTM D 638 (175°C / 168 hrs)	300 %		
Flammability	UL 224 VW-1	Pass		
Heat shock (250°C / 4 hrs)	ASTM D 2671	No cracking or dropping		
Cold bendt (-55°C / 4 hrs)	ASTM D 2671	No cracking		
Dielectric strength	ASTM D 150	22kV/mm		
Volume resistance	ASTM D 876	>10 ¹⁴ Ω.cm		
Copper stability	UL 224	Pass		
Water absorption	ASTM D 570	0.15%		
Fluid resistance	SAE-AMS-DTL-23053/5	Pass		
Longitudinal shrinkage	UL 224	0± 5%		
Eccentricity	UL 224	30%		

Autialo No	Internal dia	ameter (mm)	Wall thickness	Smaala (m)	Chana	
Article No.	Min.as supplied	Max. fully recovered	fully recovered (mm)	Spools (m)	Shape	
ST3X-015	1.5	0.5	0.4	200	0	
ST3X-024	2.4	0.8	0.5	150	0	
ST3X-030	3.0	1.0	0.5	150	0	
ST3X-048	4.8	1.6	0.5	75	0	
ST3X-060	6.0	2.0	0.5	75	0	
ST3X-090	9.0	3.0	0.6	75	0	
ST3X-120	12.0	4.0	0.6	50	F	
ST3X-180	18.0	6.0	0.6	50	F	
ST3X-240	24.0	8.0	0.6	30	F	
ST3X-390	39.0	13.0	0.8	30	F	