

Conversion from imperial 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 suitable since the required diameter of 5 mm lies within the shrink range of both tube sizes.

Maximum shrink (100%)



Maximum shrinkage = 4 mm

Optimum shrink max. (80%)



Shrinkage of 3.2 mm

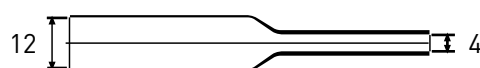
Optimum shrink min. (20%)



Shrinkage of 0.8 mm

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.

Maximum shrink (100%)



Maximum shrinkage = 8 mm

Optimum shrink max. (80%)



Shrinkage of 6.4 mm

Optimum shrink min. (20%)



Shrinkage of 1.6 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.

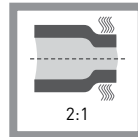
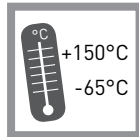
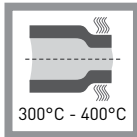
STDR

ShrinkTech® diesel resistant tubing

Very flexible elastomer tube which preserves its quality in extreme weather conditions. Highly resistant to corrosive materials, fuels, hydraulic oil and diesel oil. Recommended for automotive, defence, aerospace and high tech industries.



- Extremely resistant to mechanical and chemical damage
- Diesel resistant
- Very flexible
- Flame retardant
- Environmental friendly, free from toxic heavy metal compounds
- MIL-I-23053
- **Material:**
Modified fluoroelastomer
- **Colour:**
Black
- **Packaging:**
Spool



Property	Method of test	Value
Operating temperature	IEC216	-75 °C to +150°C
Tensile strength	ASTM D 2671	Min. 13 MPa
Elongation at break	ASTM D 2671	Min. 500%
Elongation at break after ageing	160°C /168hrs	Min. 220%
Heat shock	215°C /4hr	No cracking or dropping
Volume resistance	ASTM D 876	Min.10 ⁹ Ω.cm
Flexibility	ASTM D 882	Max. 50 MPa
Fluid resistance elongation	ISO 37 24 Hrs.	Min. 300 %
Fluid resistance tensile strength	ISO 37 24 Hrs.	Min. 10 MPa
Flammability	ASTM D 2671	Self-extinguish after 15 sec

Article No.	Internal diameter (mm)		Wall thickness fully recovered (mm)	Spools (m)	Shape
	Min.as supplied	Max. fully recovered			
STDR-032	3.2	1.6	0.76	50	O
STDR-048	4.8	2.4	0.85	50	O
STDR-064	6.4	3.2	0.90	50	O
STDR-095	9.5	4.8	1.03	50	O
STDR-127	12.7	6.4	1.23	30	O
STDR-190	19.0	9.5	1.43	30	F
STDR-254	25.4	12.7	1.80	30	F
STDR-318	31.8	15.9	2.40	15	F