

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

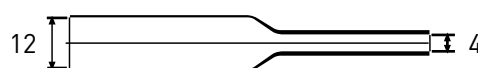
Optimum shrink min. (20%)



Shrinkage of 0.8 mm

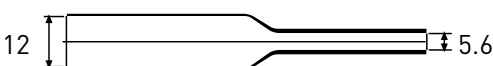
Size 6/2 has a range of application of between 2.8 mm and 5.2 mm and is therefore suitable for the cable diameter of 5 mm.

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.

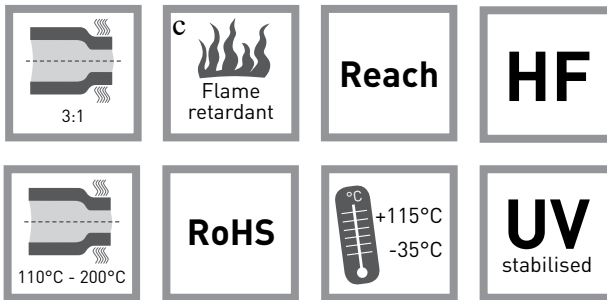
STBR

ShrinkTech® low voltage cable breakouts

Heat shrinkable cable breakouts provide environmental seal to the crutch of 2, 3, 4, 5, 6 core plastic and paper insulated cables rated up to 1.1kV. The breakouts are made from thermally stabilised cross-linked polymeric material and are internally coated with hot-melt adhesive.



- Rigid
- Waterproof
- Environmental friendly, free from toxic heavy metal compounds
- UV stabilised
- **Material**
Modified polyolefin with adhesive
- **Colours**
Black
- **Packaging**
Per unit



Article No.	Internal diameter (mm)		Wall thickness fully recovered ±20% (mm)	Cable size (mm²)
	Min.as supplied	Max. fully recovered		
STBR2-030	30 / 12	10 / 4	1.5 / 1.0	4-16
STBR2-050	50 / 21	24 / 7	3.0 / 2.5	16-70
STBR2-090	90 / 43	45 / 15	2.2 / 2.2	95-240
STBR3-030	25 / 9	9 / 3	2.5 / 1.8	1.5-10
STBR3-035	35 / 13	15 / 4	2.5 / 1.8	4-25
STBR3-055	55 / 25	23 / 8	3.3 / 2.5	16-70
STBR3-075	75 / 35	28 / 13	3.5 / 3.0	50-240
STBR3-110	110 / 50	35 / 17	4.0 / 3.5	120-300
STBR4-030	28 / 8	9 / 2	2.2 / 1.7	2.5-16
STBR4-035	35 / 13	15 / 4	2.5 / 1.8	4-25
STBR4-045	47 / 20	23 / 8	4.0 / 3.0	16-70
STBR4-060	60 / 25	25 / 8	4.2 / 2.5	50-120
STBR4-080	78 / 30	36 / 12	4.0 / 3.0	120-240
STBR4-095	95 / 35	36 / 14	3.5 / 3.0	150-300
STBR4-120	117 / 46	36 / 14	3.5 / 3.0	185-400
STBR5-035	35 / 20	15 / 3	2.5 / 1.8	4-25
STBR5-050	50 / 15	15 / 3	4.0 / 2.0	16-50
STBR5-065	65 / 20	21 / 8	3.5 / 2.3	35-90
STBR5-070	70 / 20	15 / 3	4.0 / 2.0	70-120