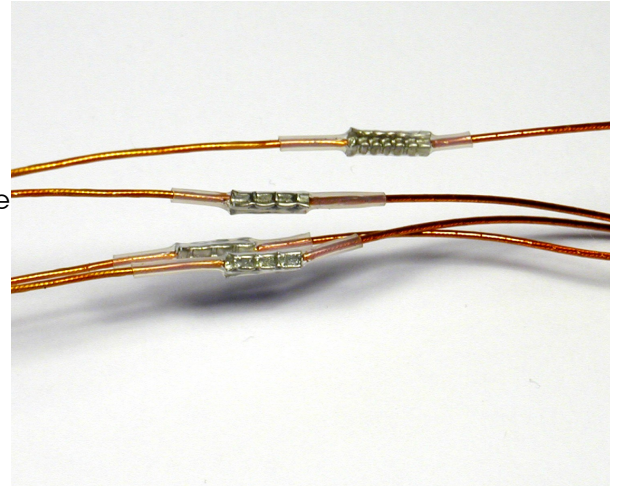


## UHV Shrink Hoses and Crimp Tubes

Allectra offers a variation of shrink hoses for use in UHV. These PTFE based hoses are convenient for cable insulation or extension of cables. Together with crimp tubes, a solder-free cable extension is possible (see photo).

Please note that the shrink hose requires significantly higher shrink temperatures than normal shrink material (>350°C). Use alongside Kapton® wires will not be a problem.

Material	PTFE (no additives)
Tem. in vacuum	-200... +260°C
Shrink Temp.	>350°C
Shrink factor	3:1 minimal



*Cable connection without solder: here, crimp tubes connect two Kapton insulated wires, the insulation is done with shrink hose.*

The following sizes are offered:

Part.Nr.	Max. ID	ID after shrink min.
316-SHRINK-20	2.0mm	0.65mm
316-SHRINK-32	3.2mm	1.0mm
316-SHRINK-63	6.3mm	1.6mm
316-SHRINK-95	9.5mm	2.5mm
316-SHRINK-140	14.0mm	4.0mm

Packs contain 0.5m of shrink hose, either in one piece or in 5 times 10cm. With these hoses, all diameters from 0.65mm to 14mm can be covered.

Crimp tubes are Copper with Tin plating (usable up to 230°C) They are offered in the following Sizes;

Part.Nr.	ID	OD	Length
360-CRTUBE10	1.0mm	1.4mm	6mm
360-CRTUBE12	1.2mm	1.6mm	6mm
360-CRTUBE14	1.4mm	1.8mm	6mm
360-CRTUBE17	1.7mm	2.0mm	7mm
360-CRTUBE22	2.2mm	2.6mm	7mm
360-CRTUBE28	2.8mm	3.2mm	9mm
360-CRTUBE35	3.5mm	4.0mm	10mm
360-CRTUBE45	4.5mm	5.0mm	12mm
360-CRTUBE59	5.9mm	6.4mm	16mm

Quantity is always 10 pieces / pack

Last revised 2017-06-29

All data given in this sheet is carefully checked but is subject to change at any time.

File: 316-SHRINK-E-ukv