

Premium Heat Shrink Tubing, Polyolefin, 3:1 Medium-Walled with Adhesive / in Rods

In addition to excellent protection against mechanical stress and weathering, our medium-walled premium heat shrink tubing with internal adhesive also offers outstanding chemical and electrical properties. It is used, for example, in demanding automotive applications. This heat shrink tubing is particularly suitable for objects with large differences in diameter. Thanks to the high shrink ratio, a wide range of objects can be covered, and the internal adhesive, which bonds particularly well to plastic, rubber, neoprene, steel and polyethylene, makes the shrunk joint watertight.



Technical Data:

Material:

cross-linked polyolefin with internal adhesive (also available halogen-free and UV-resistant)

Colours:

black

Operating temperature:

-55 °C to +110 °C

Shrink temperature:

min. +120°C (full recovery)

Longitudinal shrinkage:

-15% max.

Flame retardancy:

good (not self-extinguishing)

Tensile strength:

≥14 MPa

Dielectric strength:

approx. 20 kV/mm

Elongation at break:

≥400 % / After ageing* ≥300 %

Chemical resistance:

Resistant to all common fluids, and non-corrosive, including to copper. (Alcohols, oils, greases, waxes, most solvents, acids that are not strongly oxidising, and saline solutions/ salts). Non-corrosive to copper. Water absorption below 1%.

Standards:

REACH, RoHS



Size Chart:

Item no.	Designation	Ø before shrinking [mm]	Ø after shrinking [mm]	Rod length [m]	Wall thickness after shrinking [mm]	PU [pcs]
13069	MWK301-100S	10	3	1	2	1
13070	MWK301-160S	16	5	1	2.2	1
13071	MWK301-280S	28	6	1	2.5	1
13072	MWK301-350S	35	12	1	2.4	1
13073	MWK301-550S	55	16	1	2.8	1
13074	MWK301-650S	65	19	1	2.8	1
13075	MWK301-720S	75	22	1	3	1
13077	MWK301-920S	92	35	1	3	1

More information at: <https://www.emc-direct.de> / info@emc-direct.de / Phone: +49 (0)2369 – 98469 -15

13078	MWK301-1150S	115	34	1	3.1	1
13079	MWK301-1400S	140	42	1	3.3	1
13080	MWK301-1600S	160	55	1	3.2	1
13081	MWK301-1800S	180	58	1	3.4	1
13171	MWK301-2050S	205	65	1	3.3	1
13172	MWK301-2600S	260	80	1.2	3.4	1
13096	MWK301-3000S	300	85	1	3.4	1