



MEDICAL GRADE HEAT SHRINK TUBE

MEDIC-K

KACAB MEDIC-K heat shrink tube is specially developed for the medical industry as well as the food product industry.

This heat shrink tube is produced in a special raw material that is approved for medical applications. KACAB MEDIC-K is easy, fast to shrink and produced in many different sizes to cover most needs.

Type	ID before shrink mm	ID After shrink mm	Wall thickness fully shrunk mm	Spool size meter
1,6	1,6	0,4	0,45 +/-	100
6,0	6,0	1,6	0,65 +/-	100
14	14	4,8	0,53 +/-	100

Other dimensions and colours upon request.

Product information	
Material	Polyolefin, special for Medical application
Shrink ratio	See- schedule
Shrink temperature	95°C
Working temperature continuous	-55 – 110°C
Packing details	Medical packing



We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. KACAB shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	0.9	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Density, 73°F	933	kg/m ³	ASTM D 792

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.9	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	520	MPa	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting temperature (10°C/min)	119	°C	ISO 11357-1/-3
Vicat softening temperature A	111	°C	ISO306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	933	kg/m ³	ISO 1183
Bulk density	500	kg/m ³	-

Characteristics

Special Characteristics

Heat aging stabilized, Sterilizable, Ethylene Oxide (EtO) Sterilization

Features

Heat Sealable, Low Odor

Chemical Resistance

General Chemical Resistance

Certifications

Medical, Biocompatibility ISO 10993, US Pharmacopeia Glass VI Approved, Drug Master File, Food approval, Food Contact (FDA)

Applications

Medical

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