



Technical Data Sheet

## Ultra M Tube

Thermal Insulation by Thermaflex®

**Ultra M, a thermal tube insulation product made of cross-linked polyethylene foam with polymer coating and quick zipper.**

**Benefit from:**

- Quick and easy installation
- Unique aesthetic appearance
- Easy cleaning due to embossed skin

## Applications

- Heating, hot and cold-water transport.

## Technical Properties - Foam

Properties	Units SI	Values	Testing method
<b>Physical properties</b>			
Dimensional tolerances	-	Coherent	EN 14313
Density*	kg/m <sup>3</sup>	30 ± 5 kg/m <sup>3</sup>	ISO 845
Structure	-	Fine, closed-cells	-
Color	-	Grey	-
<b>Thermal properties</b>			
Service temperature range	°C	-45 to +85	-
Maximum Service Temp.	°C	+85	
Thermal conductivity (λ)*	W/m·K	0.0403 @ 40°C	MSZ EN 12667
<b>Fire properties</b>			
SBI classification*	-	F	EN 13501-1
<b>Water resistance properties</b>			
Water absorption*	vol. %	< 2.5%	MSZ EN 12087:1999

\*Foam sheet material without laminated protective foil.

## Availability

- Standard product length is 2m in carton boxes

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]	Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]
12	13.0 - 15.0	7	57	58.0 - 60.0	13
15	16.0 - 18.0	7	60	61.5 - 63.5	13
18	19.0 - 21.0	7	64	65.5 - 67.5	13
22	23.0 - 25.0	10	70	71.5 - 73.5	13
28	29.0 - 31.0	10	76	77.5 - 79.5	13
35	36.0 - 38.0	10	89	90.5 - 92.5	13
42	43.0 - 45.0	10	102	103.5 - 105.5	13
45	46.0 - 48.0	10	108	109.5 - 111.5	13
48	49.0 - 51.0	10	114	115.5 - 117.5	13
51	52.0 - 54.0	10	133	134.5 - 136.5	13
54	55.0 - 57.0	10			