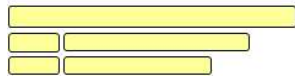
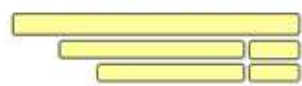


**MOST DEFINED**



## Thermo Donut © System

**MOST DEFINED**



### “tube” from Thermo Donut ©.

“Tube” is a thermal break. It can be chosen in different materials and has a round shape with a hole (pipe-similar). The materials to choose are well machinable, tough and very hard. The materials can withstand cold temperatures of minus 50 °C with ease and they are water – and impact resistant. “Tube” is very well applicable in the construction industry and thanks to the low thermal conductivity “tube” is a great thermal break! And thanks to the shape it is very practical and handy. “Tube” is very easy and straight forward to apply!



“Tube” can be chosen in different materials.

Material properties of EBHC:

Density	1.4	g/cm <sup>3</sup>
Compression strength (vertical) a)	250	N/mm <sup>2</sup>
Coeff. of thermal expansion	3	10 <sup>-5</sup> x 1/K
Impact resistancy (parallel)	-	kJ/m <sup>2</sup>
Tensile strength a)	70	MPa
Thermal conductivity	0.2	W/mK
Continuous use temperature	-50 up to + 120	°C

Material properties of “noncombustible”:

Density	2.2	g/cm <sup>3</sup>
Compression strength (vertical) 20 °C	330 / 240	MPa
Coeff. of thermal expansion	1K	10 x 10 <sup>6</sup>
Tensile strength	120	MPa
Thermal conductivity	0.3	W/mK
Continuous use temperature	-50 up to + 850	°C

Material properties of “glue laminated wood”:

Density	ca. 0,65	g/cm <sup>3</sup>
Compression strength (vertical) 20 °C	60	MPa
Coeff. of thermal expansion		
Tensile strength	137	N/mm <sup>2</sup>
Thermal conductivity	0.15	W/mK
Continuous use temperature	-50 up to + ca. 270	°C

**For any additional information contact: [info@mostdefined](mailto:info@mostdefined) / phone 0041 79 914 5927**

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