

# PDT/PDTK

## DAMPING ROOF FLASHING



### Description:

Rectangular roof flashings serve as support structures for roof bases while simultaneously providing the additional function of damping the noise transmitted by a ventilation system.

### Intended use

PDTs and PDTKs act as acoustic silencers reducing fan noise and enabling the ventilation system to be routed through the roof plane. These constitute an element responsible for transferring the weight of the ventilation equipment mounted on the roof flashing to the roof structure.

### Design

In the inner part of the flashing body, there is a mineral wool damping insert. The PDTK type has additional damping spheres for increased noise damping. The flashing bodies are normally made of zinc-plated steel with the average thickness of the zinc coating equal to 19 micrometres. Other external RAL colour-painted versions and a stainless steel customised version are available upon special request.

Dimensions of the roof flashings suitable for WOLTER fans are presented below. Flashings for fans from other manufacturers can also be produced upon demand.

Table 1. PDT/PDTK dimensions

A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
245	294	571	400	12.5
330	395	710	500	19.6
450	555	874	650	31.2
535	625	900	650	34.7
750	895	1200	700	52.9
840	985	1300	800	69.0

### Dimensions

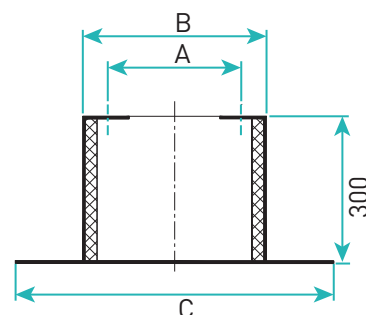


Figure 1. PDT dimensions.

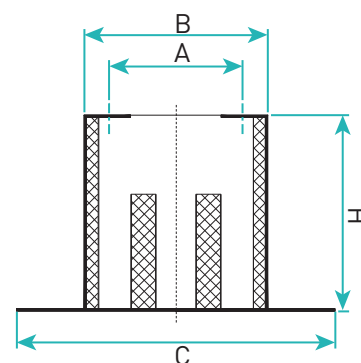
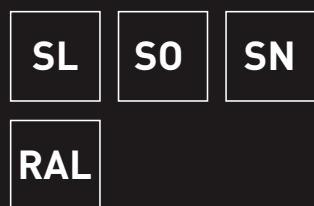


Figure 2. PDTK dimensions.



## PDT/PDTK – Damping roof flashing

When ordering, please provide information according to the following pattern:

PDT<X> - <A> x <A> - <P> <RAL>

(for standard flashings)

PDT<X> - <A> x <A> - [<H> - <B> x <B> - <C> x <C>] - <P> <RAL>

(for customised flashings)

Where:

X	type*
	<b>none – no spheres</b>
	K – with additional spheres
A	Distance between spheres in mm
H	height of the roof flashing in mm
B	External dimension of the flashing in mm
C	Length and width of the flashing in mm
P	Finish*
	SL – Coated steel
	<b>SO – Galvanized steel</b>
	SN – Stainless steel, grade 1.4301 (304 according to AISI, 0H18N9 according to PN)
RAL	Colour as per RAL code (for SL finish)

\* Optional sizes – if none, default values will be used

Example of product marking: **PDTK – 330 x 330 – SO** (for standard flashings)

**PDT – 250 x 250 - (500 - 295 x 295 - 550 x 550) – SL9010** (for customised flashings)