

# ISO-BLOCO 300

premium  
edition

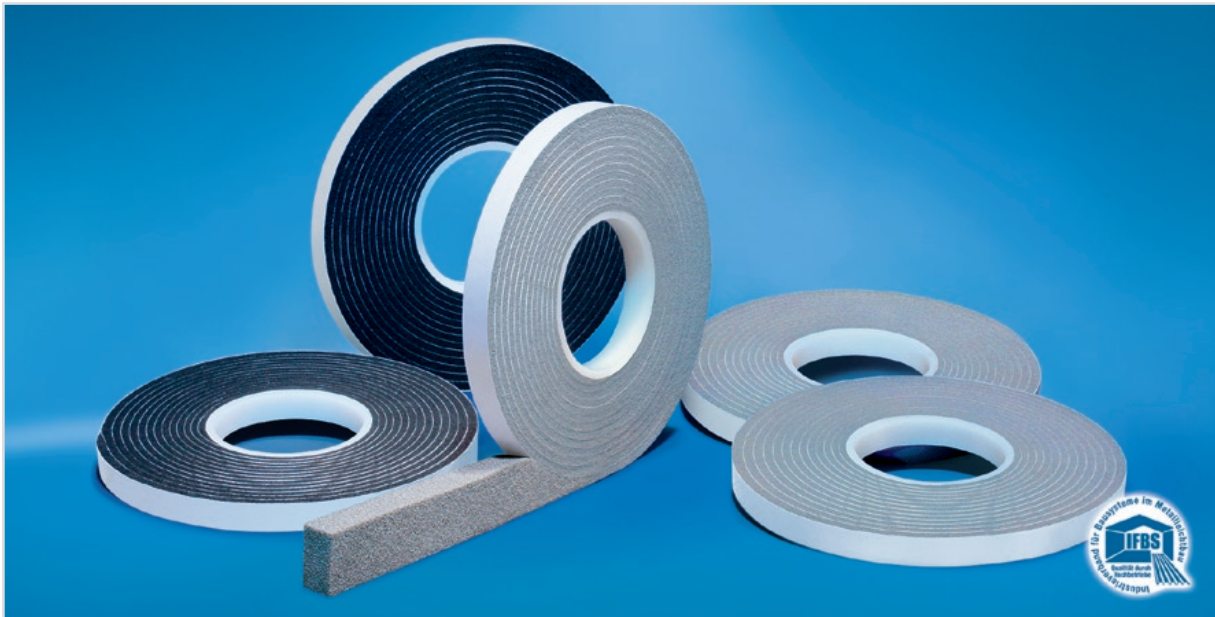
**ISO**  
chemie

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## Product description

ISO-BLOCO 300 is a polymer dispersion impregnated PUR sealing tape. In its compressed state it is ideal for use against driving rain, dust and drafts.

With the appropriate compression, it offers a reliable protection against driving rain up to 300 Pa (this is equivalent to strong gale force 9). ISO-BLOCO 300 can also be used as sound insulation. It meets the high qualification requirements for the BG 2 classification, in accordance with DIN 18542:2009.

## Applications

ISO-BLOCO 300 is suitable for sealing joints and connections in building constructions and facades. It is particularly suitable for applications involving windows, metal, masonry, wood and drywall constructions. ISO-BLOCO 300 can also be used as a thermal barrier tape.

## Product advantages

- complies with DIN 18542 BG 2 and UK Building Regulations
- seals against driving rain, wind and dust
- permanently elastic with life long movement capacity
- vapour diffusion permeable - breathable
- thermal and acoustic insulating properties
- self-adhesive to aid installation/location
- can be painted with standard emulsion paints
- compatible with all known building materials/areas



- constant quality control to DIN EN ISO 9001 and DIN standards

## Service

- standard sizes available from stock
- private label and/or special labelling available
- non standard lengths and widths available on request
- competent experienced technical support available in the field and by phone

## Packaging

Pre-compressed rolls with one side self adhesive (to aid installation) in cardboard cartons

## Technical Data

## Standard

## Classification

Material description		impregnated PUR flexible foam
Impregnant		fire resistant polymeric dispersion
Colour		grey, black
Classification, according to	DIN 18542	BG 2
Air permeability coefficient	DIN EN 12114	$\alpha \leq 1,0 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^n]$
Impermeable to driving rain, single joint	DIN EN 1027	$\geq 300 \text{ Pa}$
Temperature stability range	DIN 18542	-30 °C to +90 °C
UV light and weather stability	DIN 18542	requirements fulfilled
Compatibility with adjacent building materials	DIN 18542	requirements fulfilled
Dimension tolerance	DIN 7715 T5 P3	requirements fulfilled
Building material class	DIN 4102	B1 (fire resistant)
Water vapour diffusion resistance	DIN EN ISO 12572	$\mu \leq 100$
sd-value	DIN EN ISO 12572	$\leq 0,5 \text{ m}$ for 50 mm width (vapour diffusion permeability)
Shelf life		1 year, dry and in original packing
Storage temperatur		+1 °C to +20 °C

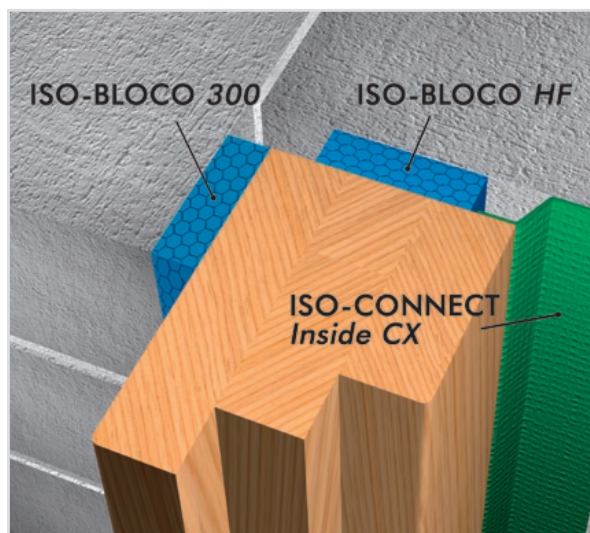
## ISO-BLOCO 300

dimension joint depth x width	recommended joint width *)	(metres) carton
8 / 1 - 2		740,0
10 / 1 - 2	1 - 2 mm	600,0
15 / 1 - 2		400,0
10 / 1 - 4		390,0
15 / 1 - 4	1 - 4 mm	260,0
20 / 1 - 4		195,0
15 / 2 - 6		240,0
20 / 2 - 6	2 - 6 mm	180,0
30 / 2 - 6		120,0
15 / 4 - 9		160,0
20 / 4 - 9	4 - 9 mm	120,0
30 / 4 - 9		80,0

\*) Movement in the structure and temporary longitude changes are to be taken into account when determining the max. joint width.

Alternative dimensions available on request

dimension joint depth x width	recommended joint width *)	(metres) carton
15 / 5 - 12		112,0
20 / 5 - 12	5 - 12 mm	84,0
30 / 5 - 12		56,0
15 / 6 - 15		86,0
20 / 6 - 15	6 - 15 mm	64,5
30 / 6 - 15		43,0
20 / 9 - 20		49,5
25 / 9 - 20	9 - 20 mm	39,6
30 / 9 - 20		33,0
25 / 11 - 25		31,2
30 / 11 - 25	11 - 25 mm	26,0
40 / 11 - 25		18,2



Window sealing installation example

## Additional products

- **ISO-PROFIL** filler strips and pieces for trapezoid and wave profiles
- **ISO-BLOCO 600** „premium edition“ impregnated, pre-compressed PUR sealing tape for protection against driving rain on construction joints up to a minimum of 600 Pa
- **ISO-BLOCO One** multifunctional, 3-level-principal, all-in-one joint sealing tape, with a minimum protection of 1000 Pa and full airtightness
- **ISO-CONNECT** for a professional window sealing solution in accordance with the EnEV requirements, RAL window installation principals
- **ISO-TOP Flex-adhesive SP and SP+** for a wind and air impermeable adherence of window connection foils (without pre-treatment)