

SOUND INSULATION WITH **SANCO PHON**

SANCO Phon

Combined sound and thermal insulation



Glass type	Glass structure	U _g -value to DIN EN 673	Light transmission to DIN EN 410	Sound insulation value	Spectrum adjustment values	Weight	Element thickness
	mm	W/m ² K	gvalue % (±2)	R _w in dB	C;C _{tr}	kg/m ² (appr.)	mm (appr.)
Double							
SANCO Phon 36/24	6 - 14AR - 4	1,1	63	36	-1; -5	25	24
SANCO Phon 37/28	8 - 16AR - 4	1,1	61	37	-2; -6	30	28
SANCO Phon 38/28	10 - 14AR - 4	1,1	60	38	-2; -5	35	28
SANCO Phon 38/30	8 - 16AR - 6	1,1	61	38	-2; -6	35	30
SANCO Phon 40/32	10 - 16AR - 6	1,1	60	40	-2; -5	40	32
SANCO Phon 42/31	VSG 44.1 Phon - 16AR - 6	1,1	58	42	-3; -7	35	31
SANCO Phon 43/34	VSG 55.1 Phon - 16AR - 8	1,1	56	43	-2; -6	45	34
SANCO Phon 44/35	VSG 44.1 Phon - 16AR - 10	1,1	58	44	-2; -6	45	35
SANCO Phon 46/41	VSG 55.1 Phon - 20AR - 10	1,1	56	46	-1; -6	50	41
SANCO Phon 47/34	VSG 44.1 Phon - 12AR - VSG 66.1 Phon	1,3	57	47	-3; -8	50	34
SANCO Phon 49/36	VSG 44.1 Phon - 16AR - VSG 66.1 Phon	1,1	57	49	-2; -7	50	36
SANCO Phon 50/42	VSG 44.1 Phon - 20AR - VSG 66.1 Phon	1,1	57	50	-2; -7	50	42
SANCO Phon 51/46	VSG 88.2 Phon - 16AR - VSG 66.2 Phon	1,1	53	51	-1; -6	70	46

SANCO Plus EN2 coating on item 3.

To determine the element thickness, film thicknesses from 0.5 mm were rounded up to full millimeters.

Note: These films do not automatically have P2A approval. AR = Argon

Technical values were computed using glaCE. U_g-value according to DIN EN 673 for vertical installation determined. For dimensional tolerances and production possibilities please refer to the appropriate price list. Attention! By changing the glass thicknesses and interpane spaces, the technical values change.

Excerpt from the SANCO insulation glass range. The current data status is available at www.sanco.de

SANCO recommends:
SANCO ACS
Edge seal

The technical data listed here conforms to the current values at the time of going to print and can alter without prior notice. The technical values are based on the suppliers' information or were ascertained in the course of tests by an independent testing institution in accordance with the respectively valid standards. The function values are based only on test specimens in the dimensions provided for testing. No further guarantee for technical values shall be accepted, in particular if tests are performed in other installation situations or if subsequent measurements are obtained in the building. During installation, the current version of the SANCO glazing guidelines must be followed without fail. SANCO is a trademark. Date: 08/2021