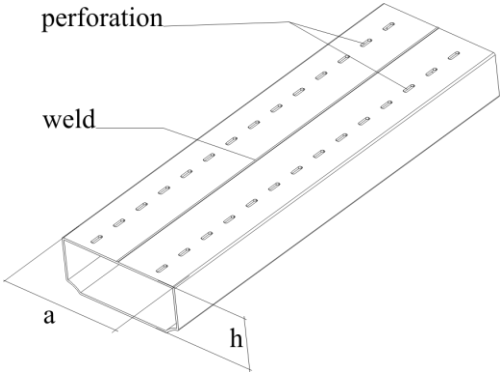


<p>METAL UNION sp. z o.o. ul. Żyzna 11 F; 42-200 Częstochowa; POLSKA tel: +48 (34) 366-1-300, fax: +48 (34) 366-1-350</p>	<p><u>TECHNICAL DATA SHEET</u> 0,24 ZINC COATED STEEL SPACER FOR INSULATING GLASS UNITS</p>	<p>Edition: 7 Pages: 1/1 Valid from: 01.01.2021</p>
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<p>Material: Zinc coated steel band, DX51D+Z, EN 10142</p>						
Dimensions [mm]			Quantity in containers [lm]			Quantity in boxes [lm]
Nominal	Width a	Height h				
6	5,5	6,6	21420			2016
8	7,5	6,6	17640			1512
9	8,5	6,6	15540			1260
10	9,5	6,6	13860			1176
12	11,5	6,6	11760			1008
14	13,5	6,6	10080			840
15	14,5	6,6	9660			756
16	15,5	6,6	8820	756		

Nr.	Spacer properties		Dimensional tolerance
1.	Zinc coated steel band width [mm]		± 0,05
2.	Zinc coated steel band thickness [mm]	0,25 mm	± 0,02
3.	External dimensions [mm]	Width a	± 0,15
		Height h	± 0,15
4.	Length [mm]		6000 (standard) + 10,0
5.	Surface defects: corrosion, traces of dirt, scratches visible from the distance of 1m.		unacceptable
6.	Twisted spacer and straightness deviation		unacceptable
7.	Weld discontinuity, nicks, holes		unacceptable
8.	<p>Perforation should allow moisture to migrate from outside into interior of spacer, but it should not permit excessive dusting of the desiccant inside the frame, after the panels have been glazed. This function is particular related to the bender operation and to the desiccant quality. If the bender is set not correctly, the bending can deform the spacer and disturb the function of the perforation holes. <u>It is always necessary to check if the system consisting of spacer, bending machine and desiccant works well together.</u></p>		
9.	<p>Lubrication is used during the forming of the spacer. Lubricant agent will evaporate and leave the surface practically without any volatile elements.</p>		

<p>Packaging: Spacers are packed in bundles of 14 pieces and packed in cardboard boxes or containers secured with film.</p>
<p>Labelling: Label on the front of the packaging with: Producer's name, product's name, quantity, length (&lm) batch number.</p>
<p>Shelf life: In a dry place; supplier's packaging; temperature min. 10°C; 6 months from delivery date. Broken packaging, high humidity and variations in temperature will have an effect on the spacer surface. <u>It is always necessary to check if the stock conditions are acceptable.</u></p>
<p>Tests of the product: Production of spacers is monitored through systematic and random checks. Data availability - 3 years.</p>
<p>Metal Union performs internal quality control on way described in the PN-EN 1279-6: 2018. Detailed results can be presented upon the customer's request. The use of the control results by the customer could only be possible after prior signing a specific quality contract.</p>
<p>Metal Union is a Certified Manufacturer according to PN-EN ISO 9001:2015</p>