

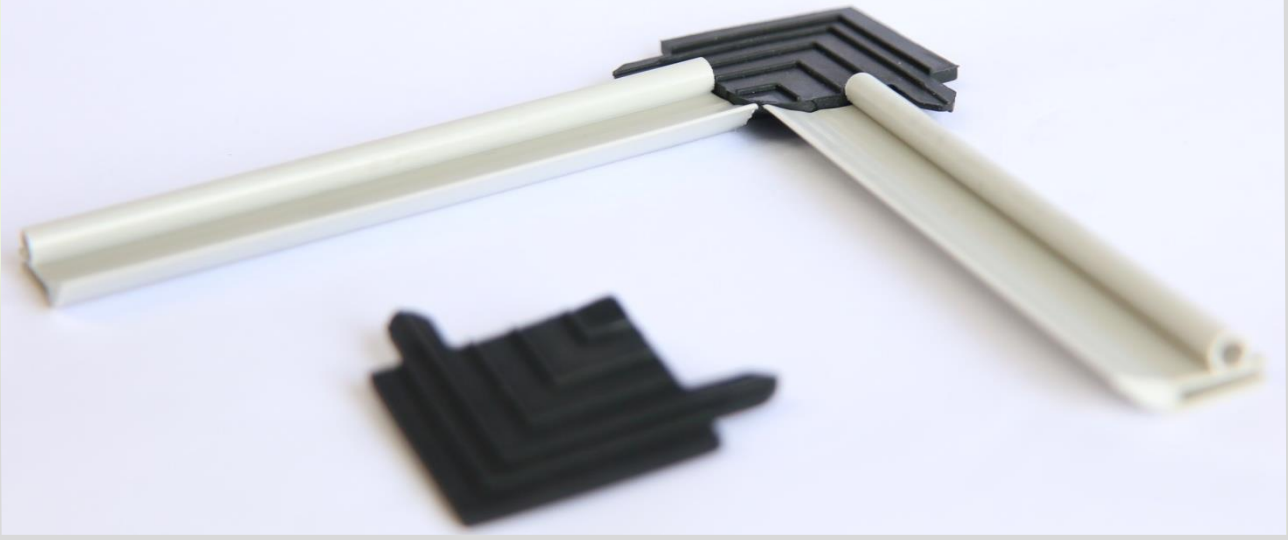
GASKET SYSTEM G002 & GS-20

COMPLIANT TO : VDI-6022 - EN1886-L1 - DIN 1946



G002

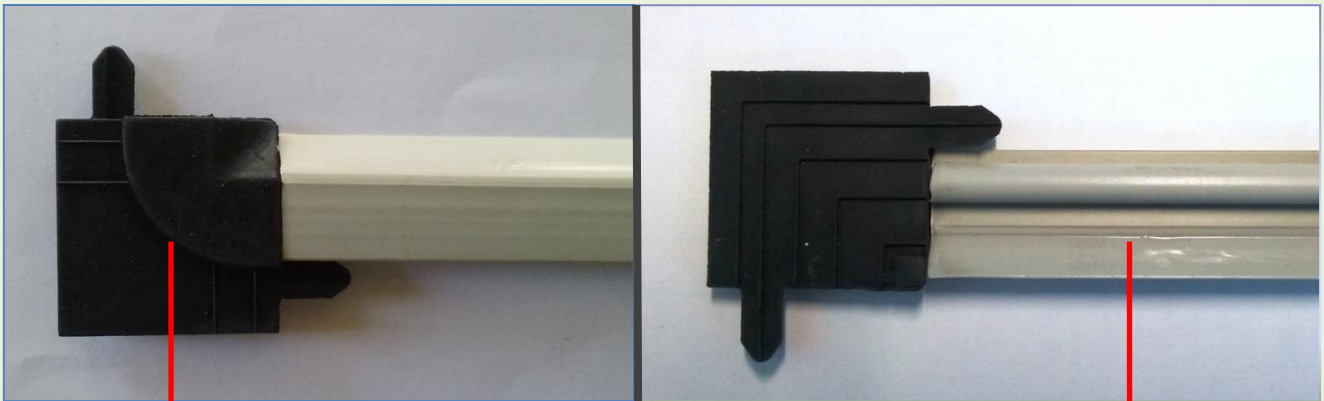
GS-20



1. PATENTED GASKET SYSTEM

COMPLIANT TO VDI 6022

The gasket system GS-20 & G002 **meets the requirements of VDI 6022** in terms of hygiene in air handling systems. The tests carried out in the laboratory confirm their antimicrobial properties and suitability for use in air handling systems. The values shown in the tables have been extrapolated from "**TEST REPORT BM 01 / 15-04**" and "**TEST REPORT 08 / 14-2**" issued by **ILH Berlin Institute**.



Nr.	Test material	Growth intensity of the microbial growth	
		FUNGI	BACTERIA
1	GS-20	1	1
2		1	1
3		1	1
4		1	1
5		1	1
6		1	1
7		1	1
8		1	1
9		1	1
10		1	1

Nr.	Test material	Growth intensity of the microbial growth	
		FUNGI	BACTERIA
1	G002	1	0
2		1	0
3		1	0
4		1	0
5		1	1
6		1	1
7		1	1
8		1	1
9		1	1
10		1	1

2. EXCELLENT AIR TIGHTNESS (CLASS L 1)

COMPLIANT TO **EN 1886**

The patented gasket system GS-20 & G002 guarantees a high air tightness (class L1) on the whole surface between panel and frame.

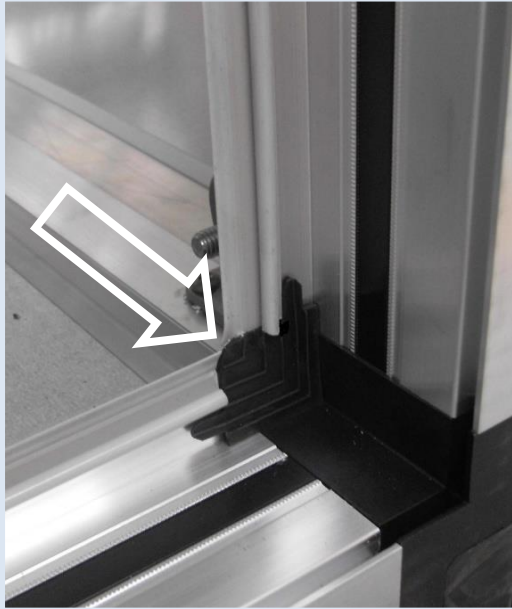
Laboratory tests carried out on a "model box" show the excellent air tightness reached of these gaskets classify them as CLASS L 1, the results achieved are shown in the table below:



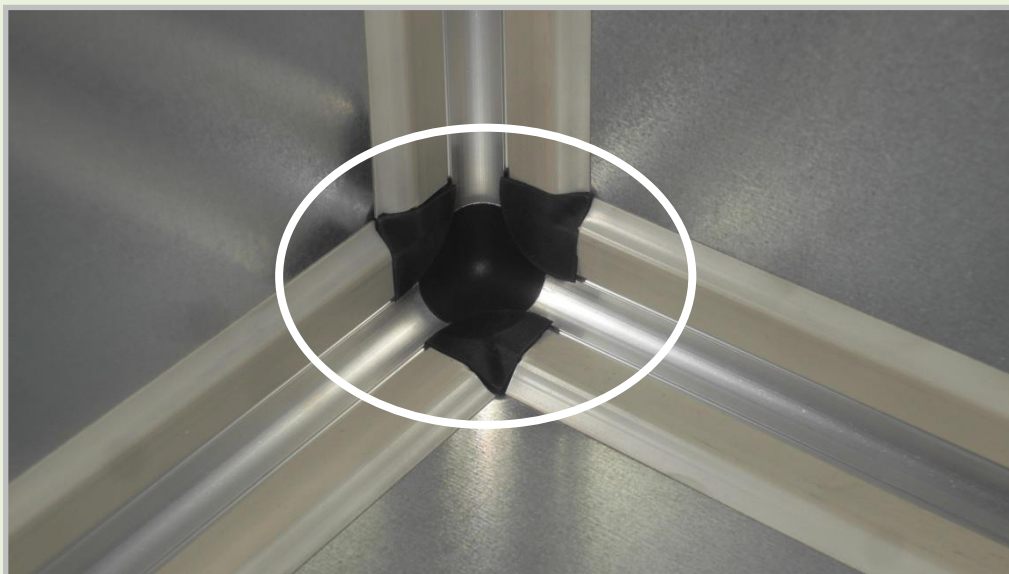
AIR LEAKAGE	- 400 Pa	CLASS L1 CLASS L2 CLASS L3	$\leq 0,15 (l * s^{-1} * m^{-2})$ $\leq 0,44 (l * s^{-1} * m^{-2})$ $\leq 1,32 (l * s^{-1} * m^{-2})$	$0,04 (l * s^{-1} * m^{-2}) =$ CLASS L 1
	+ 700 Pa	CLASS L1 CLASS L2 CLASS L3	$\leq 0,22 (l * s^{-1} * m^{-2})$ $\leq 0,63 (l * s^{-1} * m^{-2})$ $\leq 1,9 (l * s^{-1} * m^{-2})$	$0,06 (l * s^{-1} * m^{-2}) =$ CLASS L 1



3. IDEAL SYSTEM FOR HYGIENIC SOLUTIONS COMPLIANT TO **DIN 1946 part 4**

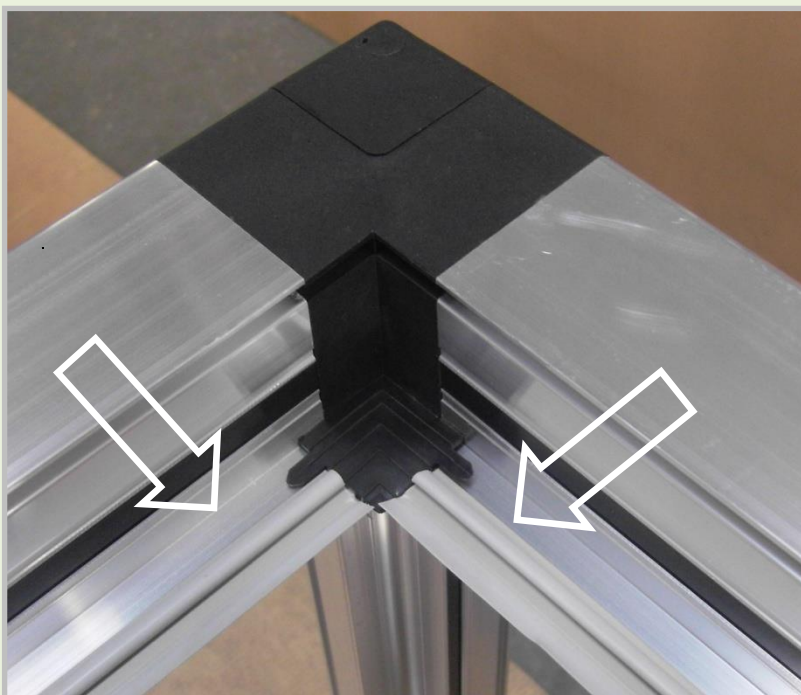
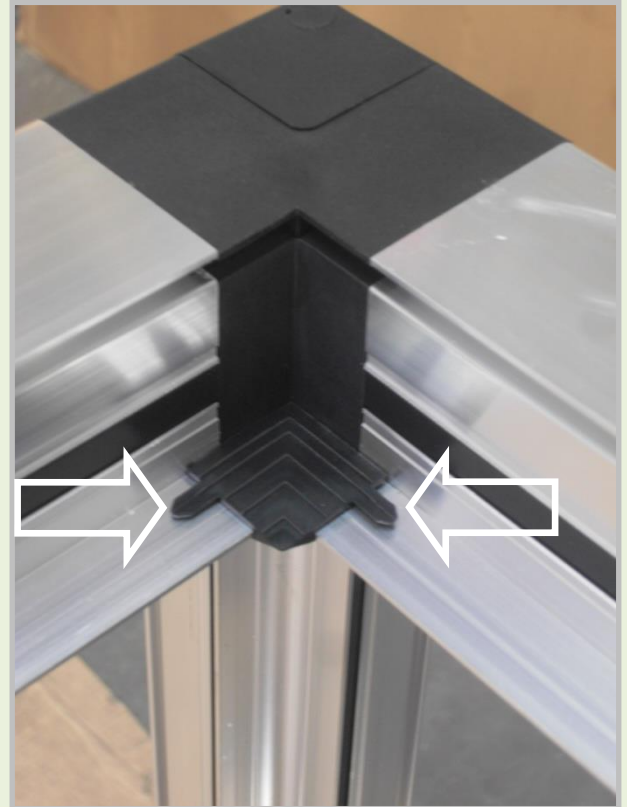
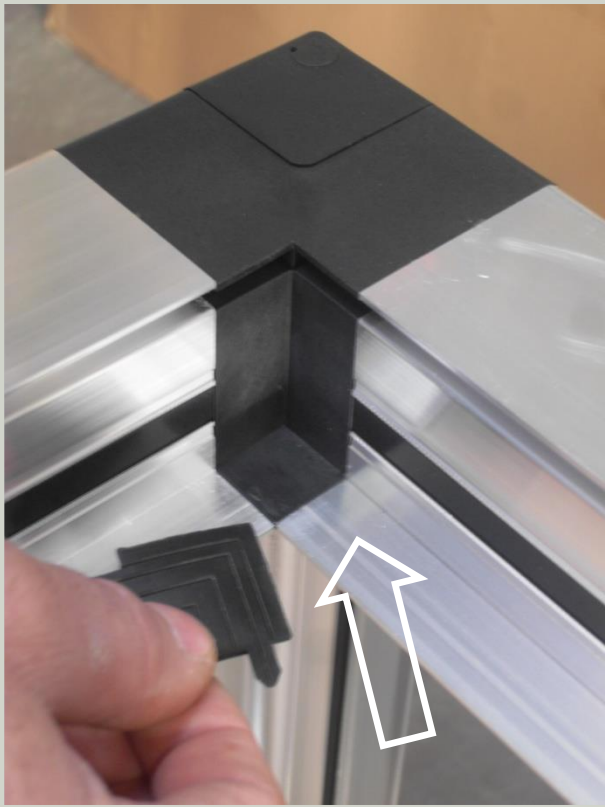


The two gaskets, **GS-20** and **G002**, create a **unique and continuous element** along the whole edge of the panel, thus determine a **smooth and radius area** inside the unit so the AHU **meets the Hygienic standard requirements** according to **DIN 1946 Part 4**, ie with the absence of internal protruding objects.



4. EASY AND FAST ASSEMBLY

The EPDM **angular gasket GS-20**, is easily mounted on the corner of the frame to **close and seal hermetically** the air passage between corner and profile.



The **linear gasket G002** is mounted on the flanges of the profile and it fits perfectly with the gasket GS-20.

The assembly is fast and simple: with few simple movements you create **a unique and continuous element** along the entire surface of the frame which ensures high performance in terms of air tightness.

It is the **"the best mounting system on the market"** as the assembly is **easy, fast** and above all, it is **economic**.