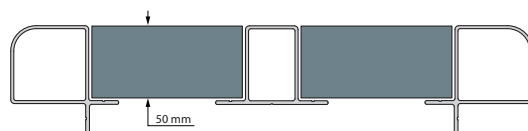


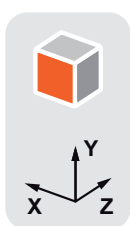
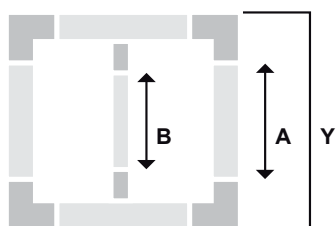
THERMAL BREAK SYSTEM WITH POLTRUDED FIBER GLASS PROFILES

PANEL THICKNESS 50 mm


PHYSICAL-MECHANICAL PROPERTIES

CHARACTERISTICS	LEGISLATION	UNIT OF MEASUREMENT	POLYESTERE MAT-ROVING-MAT
Specific weight	ASTM D729	g/cm ³	1,75
Quantity of glass: weight	ISO1172	%	60
Tensile strength	ASTM D638	MPa	400
Tensile module	ASTM D638	GPa	26
Flex resistance	ASTM D790	MPa	400
Flex module	full bending	GPa	25
Compressive resistance	ASTM D695	MPa	220
Compressive module	ASTM D695	GPa	20
Impact resistance (CHARPY)	ASTM D5942	kJ/m ²	180
Water absorption	ISO 62	%	0,4
Dielectric Tightness	ASTM D149	kV/mm	5
Surface dielectric resistivity	ASTM D257	Ω	10 ¹²
Coefficient of linear thermal expansion	ASTM D696	K ⁻¹	11 x 10 ⁻⁶
Thermal conductivity	ASTM C177	W/mK	0,35

Cutting conditions of the profiles



$$A = Y - 145 \text{ mm}$$

$$B = Y - 70 \text{ mm}$$

The formulas are valid for all sides of the module
Y = external dimension

Nylon accessories

TECHNICAL DATA

Panel thickness	50 mm
Material	PA6 + FG 20%
Color	Black

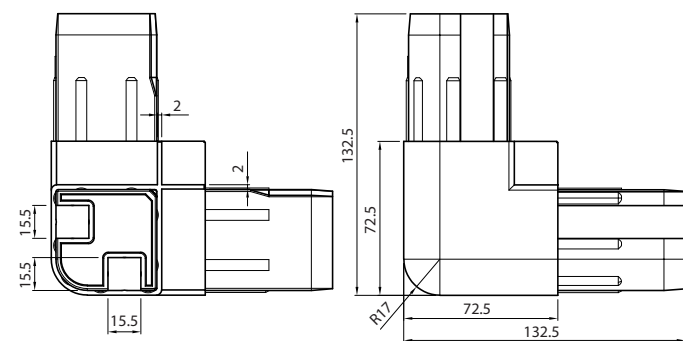
AFG530-500 - Main corner



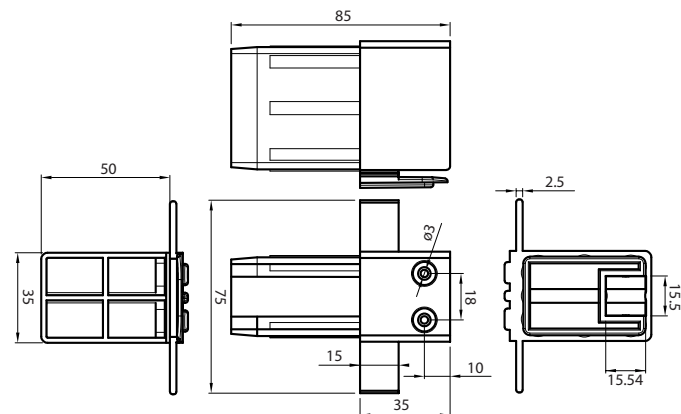
GFG530-500 - Omega joint



AFG530-500



GFG530-500



Pultruded fiberglass profiles

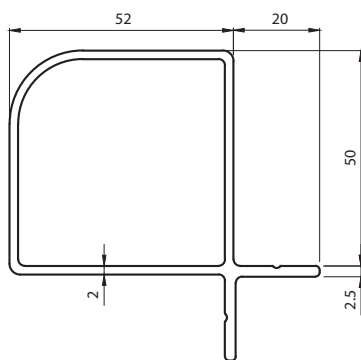
TECHNICAL DATA

Material	Polyester reinforced with fiber glass
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PFG150-500 Main profile



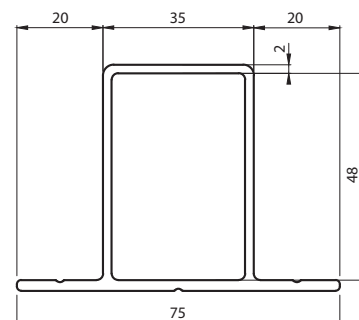
External dimension: 52 mm
Panel thickness: 50 mm
Weight: 0.850 kg/m
Lenght: 6 m +/- 20 mm



PFG350-500 Omega profile with channel



External dimension: 35 mm
Panel thickness: 50 mm
Weight: 0.780 kg/m
Lenght: 6 m +/- 20 mm

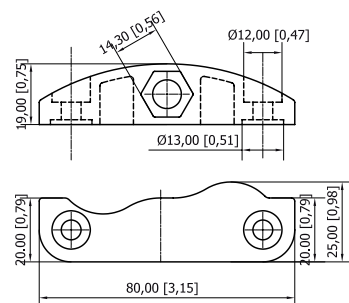


Unit connection

TH5009-000 Unit connection with screws



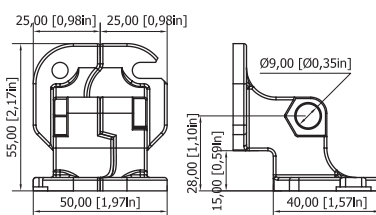
External dimension: 40 mm
Material: EN AB 46100
Weight: 44 g



GU-9000000 90° Unit connection

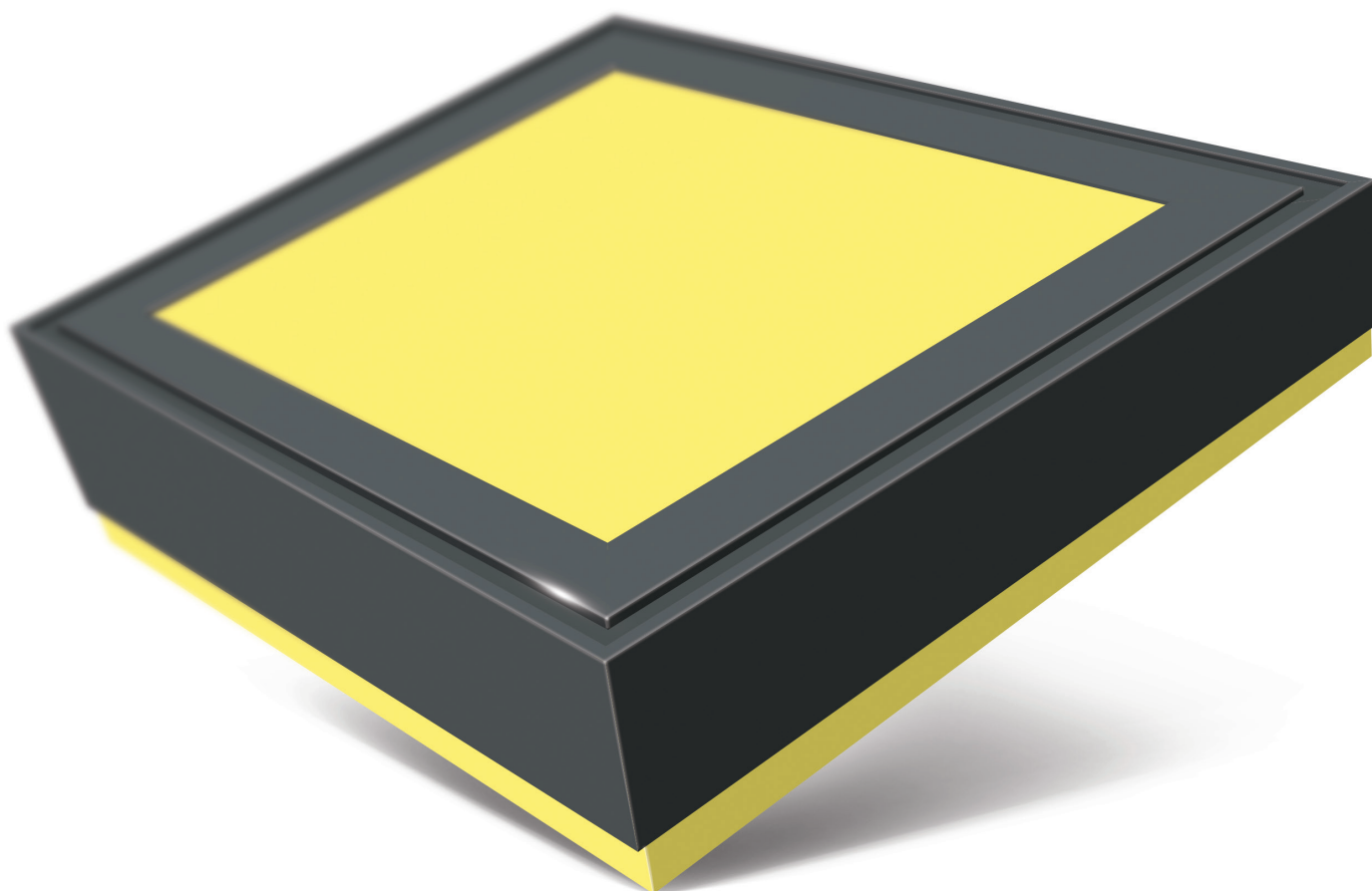


External dimension: 40 mm
Material: EN AB 46100
Weight: 116 g



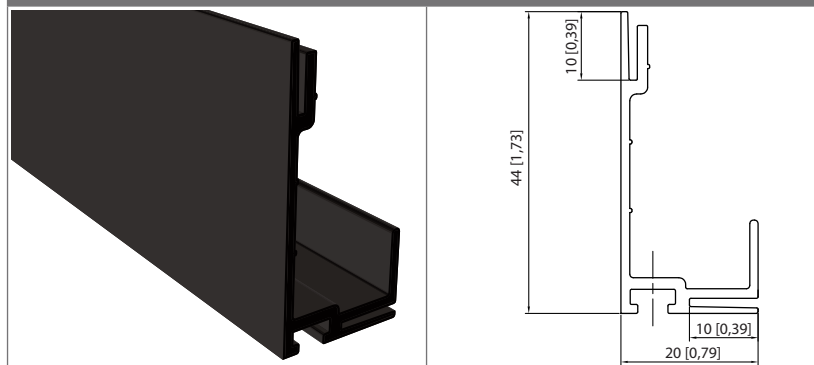
NEW SYSTEM FOR THE CONSTRUCTION OF PANELS - "L" VERSION

NUOVO SISTEMA PER LA COSTRUZIONE DI PANNELLI - VERSIONE A "L"



1 Start with the basic element - Parti dall'elemento base

P-P-PP0300 Profile for 45/50/60/65 panels construction

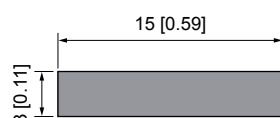


Material Materiale	PP TV20
Certification Certificazione	VDI 6022 - ISO 846
Maximum temperature Temperatura massima	100°C
Color Colore	Black / Nero

2 Select the gasket - Seleziona la guarnizione

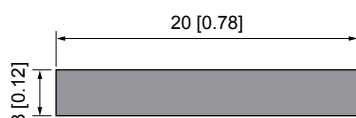
Fixed panels - Pannelli fissi

GUAR.015X3 Self-adhesive gasket



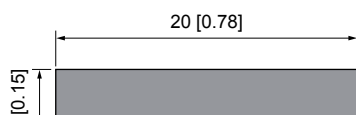
Material: Foamed PVC
Temperatura: -20°C/+75°C
Color: Black

GUAR.020X3 Self-adhesive gasket



Material: Foamed PVC
Temperatura: -20°C/+75°C
Color: Black

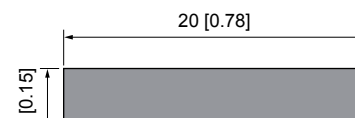
GUAR.020X4 Self-adhesive gasket



Material: Foamed PVC
Temperatura: -20°C/+75°C
Color: Black

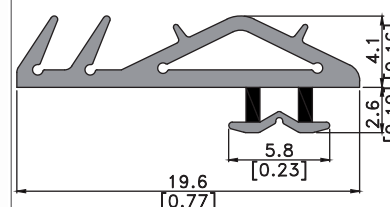
Doors / Removable panels - Porte / Pannelli removibili

GUAR20X4EVA Gasket



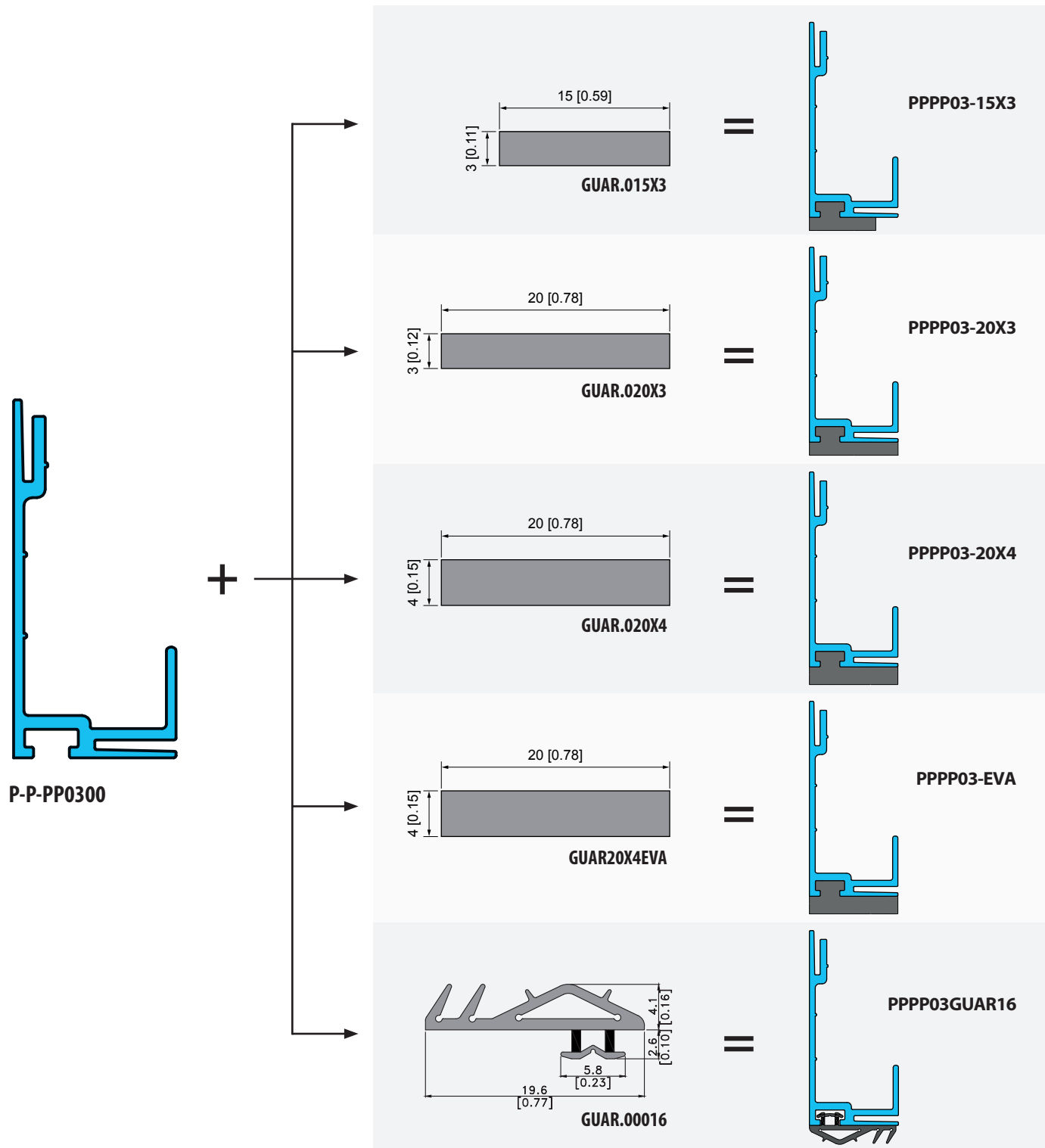
Material: Polyethylene
Temperatura: -20°C/+75°C
Color: Black

GUAR.00016 Gasket

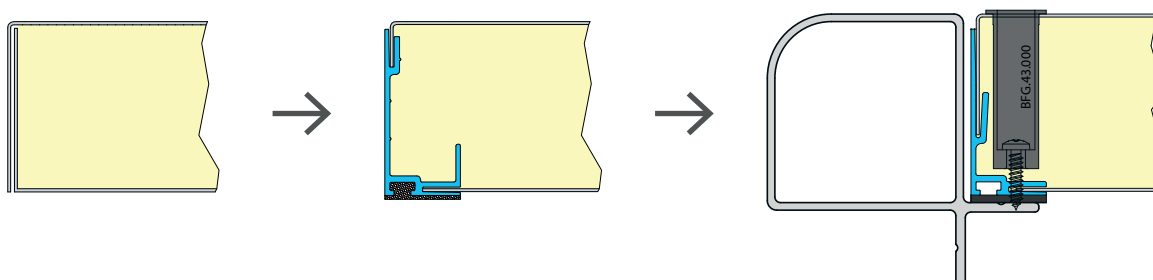


Material: TPE-V + PP

3 Create the combination you desire - Crea la combinazione desiderata



4 Make STD / TT simple and double wall panels (by removing a fold) Realizza pannelli STD/TT semplici e a doppia parete (eliminando una piega)



1. Bars in standard lenght - Barre a lunghezza standard

6.600 mm lenght - Lunghezza 6.600 mm

6.600 mm lenght + assembled gasket - Lunghezza 6.600 mm + guarnizione assemblata

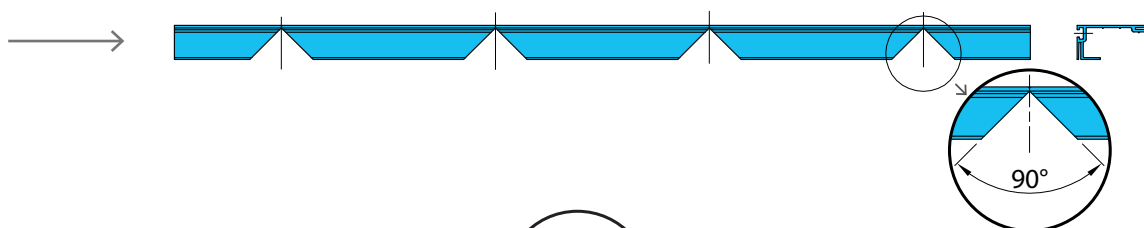
Codes - Codici

Profile / Profilo	Gasket / Guarnizione	To order / Per ordinare
P-P-PP0300	GUAR.015X3	PPPP03-15X3
P-P-PP0300	GUAR.020X3	PPPP03-20X3
P-P-PP0300	GUAR.020X4	PPPP03-20X4
P-P-PP0300	GUAR20X4EVA	PPPP03-EVA
P-P-PP0300	GUAR.00016	PPPP03GUAR16

2. Customized cut (with or without gasket) - Tagli a misura (con o senza guarnizioni)

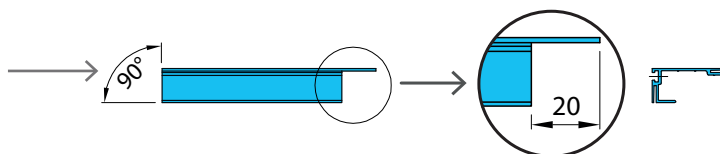
A) Notched profile

Profilo scantonato



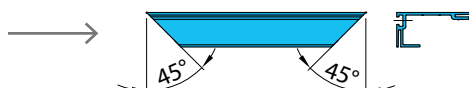
B) 90° cut profile

Profilo tagliato a 90°



C) 45° cut profile

Profilo tagliato a 45°



3. Standard or double wall panel assembled - Pannello standard o doppia parete assemblato

A) P-P-0300 profile + galvanized sheet iron/ prepainted + filling (polyurethane or rockwool)

Profilo P-P-0300 + lamiera zincata/preverniciata + riempitivo (poliuretano o lana di roccia)

B) P-P-0300 profile + assembled gasket + galvanized sheet prepainted + filling (polyurethane or rockwool)

Profilo P-P-0300 + guarnizione assemblata + lamiera zincata/preverniciata + riempitivo (poliuretano o lana di roccia)