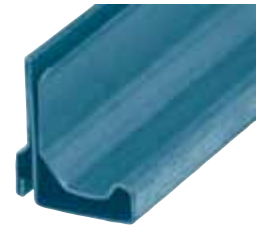
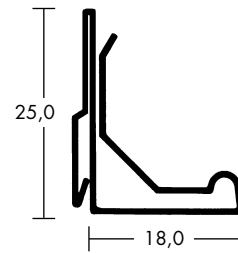


1.4.1 MEZ-ISO-FLANGE SYSTEM 20

Special profile for air duct for internal insulation

- Profile to prevent temperature loss and the development of sonic waves using PVC-Terminal strip. This obstructs the emergence of thermal bridges between the inner and the outer surface of the air ducts.
- Profile length: 5000 mm



Art.-Nr.	Material	Material thickness/mm	Moment of inertia/cm ⁴	VPE m	Weight kg/m
120 I	Galvanised steel	0,75	0,377	500	0,692

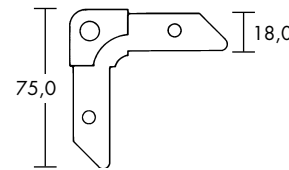
Workmanship Guidelines:

Maximum edge length (mm)		
500 PA	1000 PA	2500 PA
1000 mm	800 mm	600 mm

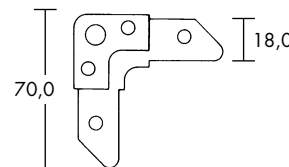
- The duct grooved seams do **not** need to be notched up
- For details on Frame production see Technical Features

MEZ-CORNER

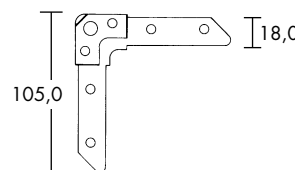
- Corner to be attached to the duct wall
- Sealing of the corners done on the inside of the air duct wall



Art.-Nr.	Material	Material thickness/mm	Screw hole ø mm	Deduction mass mm	VPE units	Weight kg/piece
220	Galvanised steel	3,00	9	10	500	0,047



Art.-Nr.	Material	Material thickness/mm	Screw hole ø mm	Deduction mass mm	VPE units	Weight kg/piece
224	Galvanised steel	3,00	9	30	500	0,048



Art.-Nr.	Material	Material thickness/mm	Screw hole ø mm	Deduction mass mm	VPE units	Weight kg/piece
225	Galvanised steel	3,00	9	30	500	0,063



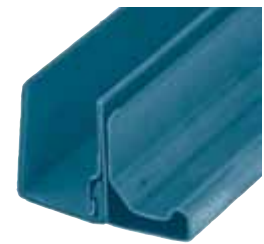
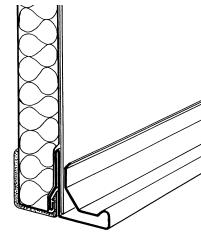
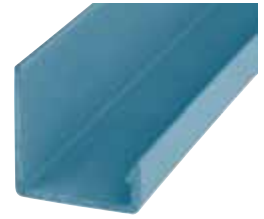
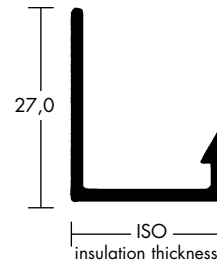
1.4.1 MEZ-ISO-FLANGE SYSTEM 20

MEZ-ISO-KLEMM

PVC Profile for variable insulation thicknesses in combination with MEZ-ISO-FLANGE SYSTEMS 20/30

- Profile length: 2000 mm

Art.-Nr.	Iso-Material thickness mm	Deduction mass	VPE m	Weight kg/m
119/020	20	20	100	0,150
119/025	25	20	100	0,165
119/040	40	20	90	0,190
119/050	50	20	60	0,210



Technical Specifications:	
Material	Polyvinylchloride/rigid
Thickness	1,38 - 1,40 g/cm ³
Tensile strength	40 - 60 N/cm
Flexural strength	10 - 50 %
Ball impression hardness 10	110 -130 N/mm
Impact strength (kJ/m)	without fracture
Notched impact strength	3 - 5 kJ/m
Fatigue strength at limiting flexural stress	70 -110 N/mm
Modulus of elasticity	1900 - 2700 N/mm
Melting range	+ 200°C
Max. constant service temperature range	+ 65°C to + 90°C
Cold resistance	0°C to - 5°C
Dielectric constant	0,02
Dielectric strength	20 - 40 KV/mm
max. water absorption	0,2 %
Linear coefficient of thermal expansion	70 - 80
Heat transfer coefficient	0,14 kcal/mh °C
Colour	RAL 5012

