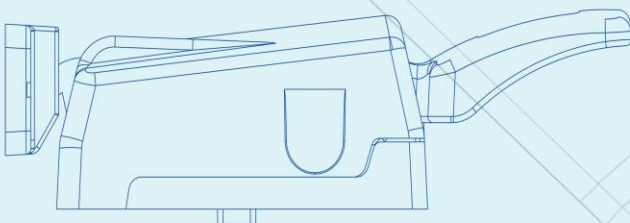


COLD ROOM FLIP FLAP DOOR ACCESSORIES



COLD ROOMS



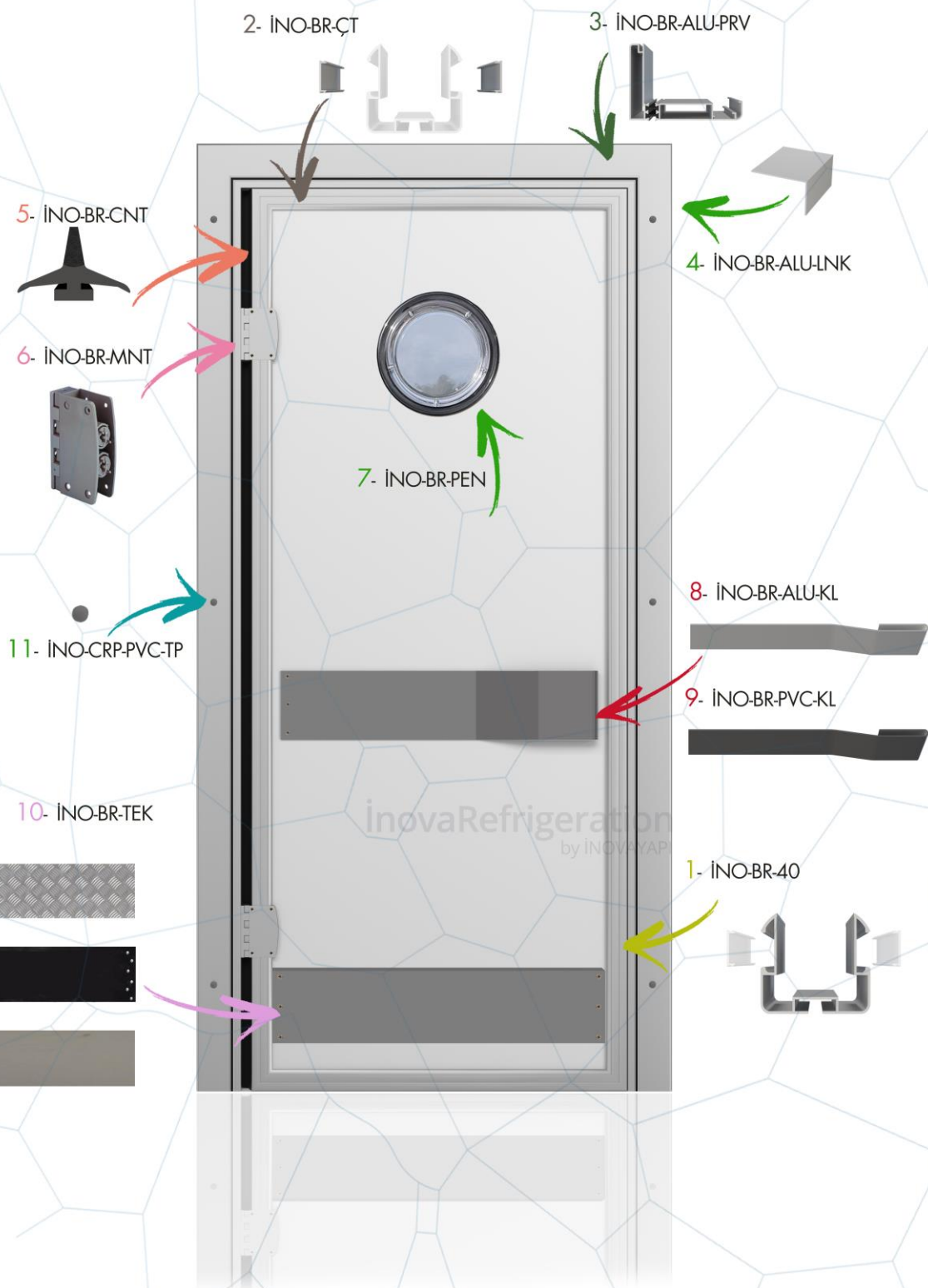
FOOD INDUSTRY



PHARMACEUTICAL AND
HEALTHCARE SECTOR

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FLIP FLAP DOOR ACCESSORIES



COLD ROOMS



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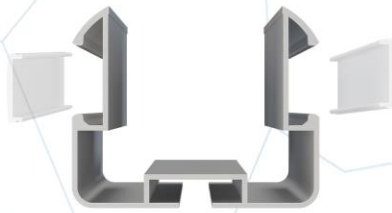


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FLIP FLAP DOOR ACCESSORIES

İNO-BR-40

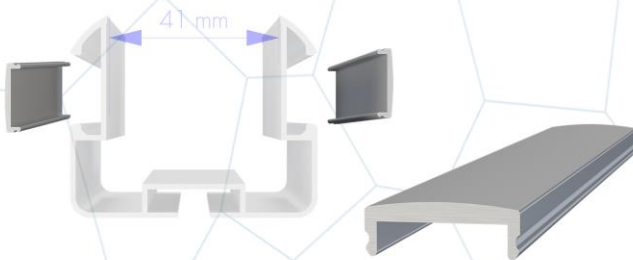


FlipFlap Door Case Around The Wings of Sliding Door DIN 50049-2.2./EN 10204-3.1.B. Standard Anodized Aluminum Profile We Use . (it's for 40 mm door thickness)

CHEMICAL COMPOSITION								
Fe (Iron)	Si (Silisium)	Cu (Copper)	Mn (Manganese)	Mg (Magnesium)	Zn (Zinc)	Ti (Titanium)	Cr (Chrome)	AL (Aluminum)
0,10-0,30	0,30-0,60	0,1	0,1	0,35-0,60	0,15	0,1	0,05	Remaining
0,17	0,42	0,01	0,03	0,47	0,01	0,01	0,01	98,8

MECHANICAL PROPERTIES			
Rupture Strength Rm (N/mm ²) min.215	Yield Strength Rp 0,2 (N/mm ²)min.170	Elongation A 50 mm (%)min.6	Brinell HB min.70
216	171	7	70

İNO-BR-CT

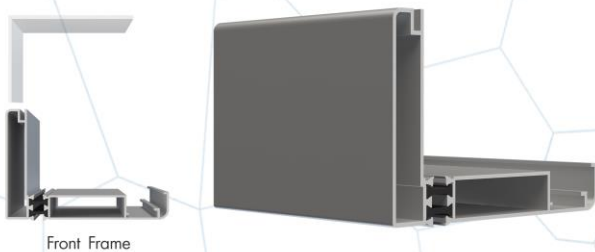


Around The FlipFlap Door Wings internally & externally DIN 50049-2.2./EN 10204-3.1.B. Standard Anodized Aluminum Profile We Use .

CHEMICAL COMPOSITION								
Fe (Iron)	Si (Silisium)	Cu (Copper)	Mn (Manganese)	Mg (Magnesium)	Zn (Zinc)	Ti (Titanium)	Cr (Chrome)	AL (Aluminum)
0,10-0,30	0,30-0,60	0,1	0,1	0,35-0,60	0,15	0,1	0,05	Remaining
0,17	0,42	0,01	0,03	0,47	0,01	0,01	0,01	98,8

MECHANICAL PROPERTIES			
Rupture Strength Rm (N/mm ²) min.215	Yield Strength Rp 0,2 (N/mm ²)min.170	Elongation A 50 mm (%)min.6	Brinell HB min.70
216	171	7	70

İNO-BR-ALU-PRV



Front Frame

Flip Flap door front frame . This frame is attached between the Wing & the unit to be installed. . Aluminium DIN 50049.2.2. / EN 10204-3.1.B Standard anodized coated aluminium .

CHEMICAL COMPOSITION								
Fe (Iron)	Si (Silisium)	Cu (Copper)	Mn (Manganese)	Mg (Magnesium)	Zn (Zinc)	Ti (Titanium)	Cr (Chrome)	AL (Aluminum)
0,10-0,30	0,30-0,60	0,1	0,1	0,35-0,60	0,15	0,1	0,05	Remaining
0,17	0,42	0,01	0,03	0,47	0,01	0,01	0,01	98,8

MECHANICAL PROPERTIES			
Rupture Strength Rm (N/mm ²) min.215	Yield Strength Rp 0,2 (N/mm ²)min.170	Elongation A 50 mm (%)min.6	Brinell HB min.70
216	171	7	70

İNO-BR-ALU-LNK



Arka Pervaz

FlipFlap Door Rear frame . This frame is Rear Wall frame which fixed With Front Wall Frame . Aluminium DIN 50049.2.2. / EN 10204-3.1.B Standard anodized coated aluminium .

CHEMICAL COMPOSITION								
Fe (Iron)	Si (Silisium)	Cu (Copper)	Mn (Manganese)	Mg (Magnesium)	Zn (Zinc)	Ti (Titanium)	Cr (Chrome)	AL (Aluminum)
0,10-0,30	0,30-0,60	0,1	0,1	0,35-0,60	0,15	0,1	0,05	Remaining
0,17	0,42	0,01	0,03	0,47	0,01	0,01	0,01	98,8

MECHANICAL PROPERTIES			
Rupture Strength Rm (N/mm ²) min.215	Yield Strength Rp 0,2 (N/mm ²)min.170	Elongation A 50 mm (%)min.6	Brinell HB min.70
216	171	7	70



COLD ROOMS



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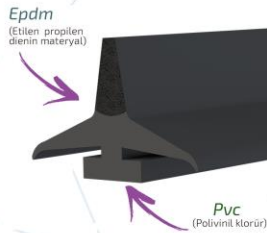


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FLIP FLAP DOOR ACCESSORIES

INO-BR-CNT



Flip Flap Door Wing bottom Gasket used for insulation on the underside of the door Wing It is made of Epdm & PVC rubber. it's in compliance with 21.CFR 177.2600 specifications & quality standards .

INO-BR-MN



Flip Flap Door Hinges We Use to connect between the door wing with the door Frame ISO 9001: 2008- GHP good hygiene practices standard PA 6.6 (Poliamid 6.6) % 30 GF we are manufactured Consists of chrome spring and steel hangers.

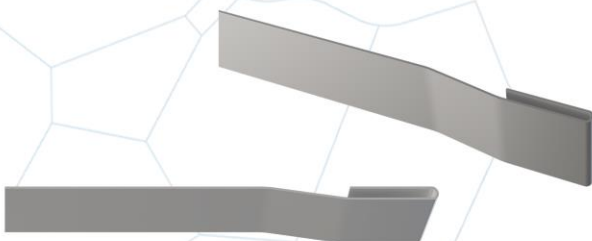
Mechanical Properties	Polamid 66	Plastic Type	Polamid 66
Symbol	PA 66	Electrical properties	PA 66
Density (g/cm3)	1.13 - 1.15	Specific Resistance (ohm.cm)	10 ¹² - 10 ¹³
Tensile Strength (Mpa)	66-86	Surface Resistance (ohm)	10 ¹⁰ - 10 ¹³
Elongation at Break (%)	30-300	Dielectric Constant (106 Hz)	3.04-2005
Bending Strength (Mpa)	80-105	Dielectric Loss Factor (106 Hz)	0.03 - 0.2
Compressive Strength (Mpa)	70-100	Dielectric Resistance (KV/mm)	20-150
Impact Strength (notched) (J/cm)	0.43-1.14	Thermal Properties	
Elastic Modulus (tensile) (Mpa)	1000-2800	Crystal Melting or Amorphous Softening Point (°C)	255-265
Elastic Modulus (in bending) (Mpa)	2000-3400	Deformation Temperature Under Load (°C)	75-105
Elastic Modulus (in compression)	-	Maximum Operating Temperature (°C) Long-short	90-180
Hardness		Specific Heat (cal/gr °C)	0.40-0.41
Rockwell R	108-120	Coefficient of Thermal Expansion (x106 cm/cm °C)	70-100
Rockwell M	83-89	Coefficient of Thermal Conductivity (x104 cal/sec.	4.8 - 5.8
Shore D	-	Flammability	V2
Coefficient of Friction	0.15-0.42	Combustion Speed	Self Extinguishes
Air Moisture (%)	2.4-3.0		
Saturation in Water (%)	8.0-8.5		

INO-BR-PEN



Flip Flap door Viewing Window .It is a system for seeing inside & outside .Made of fiberglass which production on hard & transparent material & Epdm flexible seals 100% leak proof.

INO-BR-ALU-KL



Flip Flap Aluminium Door Handle Flip Flap Handles are applied on the door Wing . it can be installed Internal & external lock Aluminium DIN 50049.2.2./EN 10204-3.1.B Standard anodized coated aluminum .

CHEMICAL COMPOSITION								
Fe (Iron)	Si (Silisium)	Cu (Copper)	Mn (Manganese)	Mg (Magnesium)	Zn (Zinc)	Ti (Titanium)	Cr (Chrome)	AL (Aluminum)
0,10-0,30	0,30-0,60	0,1	0,1	0,35-0,60	0,15	0,1	0,05	Remaining
0,17	0,42	0,01	0,03	0,47	0,01	0,01	0,01	98,8

MECHANICAL PROPERTIES			
Rupture Strength Rm (N/mm²) min.215	Yield Strength Rp 0.2 (N/mm²) min.170	Elongation A 50 mm (%) min.6	Brinell HB min.70
216	171	7	70



COLD ROOMS



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FLIP FLAP DOOR ACCESSORIES

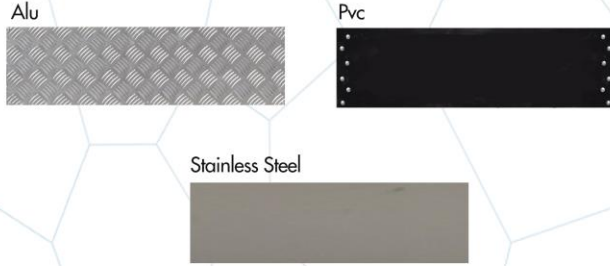
İNO-BR-PVC-KL



Flip Flap Aluminium Door Handle Flip Flap Handles are applied on the door Wing . it can be installed Internal & external lock.ISO 9001: 2008- GHP good hygiene practices standard PA 6.6 (Poliamid 6.6) % 30 GF we are manufactured.

Mekaniksel Özellikler	Polamid 66	Plastik Türü	Poliamid 66
Sembol	PA 66	Elektriksel Özellikler	PA 66
Yoğunluk (g/cm ³)	1.13 - 1.15	Sembolü	PA 66
Kopma Mukavemeti (Mpa)	66-86	Spesifik Direnç (ohm.cm)	10 ¹² - 10 ¹³
Kopma Uzunluğu (%)	30-300	Yüzey Direnci (ohm)	10 ¹² - 10 ¹³
Eğilme Mukavemeti (Mpa)	80-105	Dielektrik Sabiti (10 ⁶ Hz)	03.04.2005
Basma Mukavemeti (Mpa)	70-100	Dielektrik Kayıp Faktörü (10 ⁶ Hz)	0.03 - 0.2
Darbe Mukavemeti (sentikil) (j/cm)	0.43-1.14	Dielektrik Direnci (KV / mm)	20-150
Elastik Modül (çekmede) (Mpa)	1000-2800	Termal Özellikler	
Elastik Modül (eğilmede) (Mpa)	2000-3400	Kristal Erime veya Amorf Yumuşama Noktası (°C)	255-265
Elastik Modül (basmada) (Mpa)	-	Yük Altında Deformasyon Sıcaklığı (°C)	75-105
Sentikil	-	Maksimum Çalışma Sıcaklığı (°C) Uzun-kısa süre	90-180
Rockwell R	108-120	Spesifik Isı (cal/gr °C)	0.40-0.41
Rockwell M	83-89	Isıl Genleşme Katsayısı (x10 ⁶ cm/cm °C)	70-100
Shore D	-	Isıl İletkenlik Katsayısı (x10 ⁶ cal / sn. cm. °C)	4.8 - 5.8
Sürtünme Katsayısı	0.15-0.42	Yanıcılık	V2
Havadan Aldığı Nem (%)	2.4-3.0	Yanma Hızı	Kendi Kendine Söner

İNO-BR-TEK



Flip Flap Bottom Bumper Door : Produced in different sizes according to customer . It Consists of 3 models . Aluminium , Pvc & chrome .

İNO-BR-PVC-TP



Flip Flap Door Frame Hole cover : we use to close the mounting holes on the moldings . ISO 9001: 2008- GHP good hygiene practices standard PA 6.6 (Poliamid 6.6) % 30 GF we are manufactured



COLD ROOMS



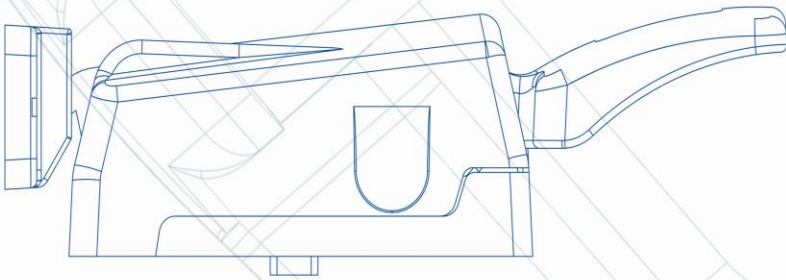
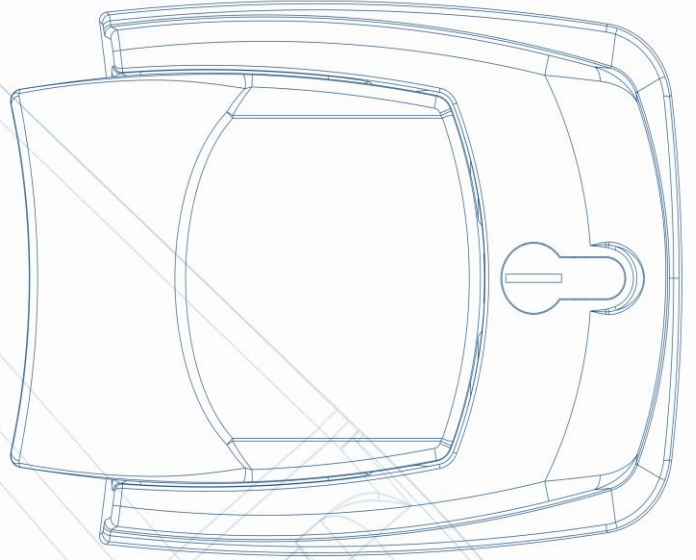
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