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M49
Documentazione commerciale

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Attività Lastre di Acetato

Condizioni di Vendita Mazzucchelli Italia

Decorrenza 1° Gennaio 2016

1. Articoli a catalogo

Dimensioni nominali dei singoli items	vedi Catalogo
Tolleranze dimensioni	vedi tolleranze articoli extra Catalogo*
Finitura standard	vedi articoli extra Catalogo
Quantitativo minimo	1 foglio / 1 banda

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

2. Articoli extra catalogo

1. BLOCCO

Dimensioni nominali	Foglio	600 x 1400 mm*	Tolleranze: Larghezza: +30/-60 mm Lunghezza: +30/-230 mm
	Banda**	170 x 1400 mm	Tolleranze: Larghezza: +10/-2 mm Lunghezza: +30/-260 mm
Finitura standard	RR		
Quantitativo minimo	150 kg		
	80 kg con 10% di sovrapprezzo		

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

** solo per "perla bugnata"

2. INCOLLATI

Dimensioni nominali	Foglio	600 x 1400 mm*	Tolleranze: Larghezza: +30/-80 mm Lunghezza: +30/-260 mm
	Banda	140 x 1400 mm*	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +30/-260 mm
		150 x 1400 mm*	
		160 x 1400 mm*	
		170 x 1400 mm*	
190 x 1400 mm*			
Finitura standard	TQ		
Quantitativo minimo	Prodotti su richiesta con semilavorati standard, max 5 strati	1 spessore: 15 kg 2 spessori: 25 kg	
		1 spessore: 1 foglio/ 3 bande con il 20% di sovrapprezzo	
	Prodotti su richiesta con semilavorati non standard, max 5 strati	da concordare	

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

3. SERIGRAFIA

Dimensioni nominali	Foglio	600 x 1400 mm*	Tolleranze: Larghezza: +30/-80 mm Lunghezza: +30/-260 mm
	Banda	170 x 1400 mm*	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +30/-260 mm
Finitura standard	TQ		
Quantitativo minimo	Utilizzando componenti standard per incollare la serigrafia	max 2 spessori: 10 fogli/30 bande	
		max 2 spessori: 5 fogli/15 bande con il 10% di sovrapprezzo	
	Utilizzando componenti non standard per incollare la serigrafia	da concordare	

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

4. PLOTTER (STAMPA IN QUADRICROMIA)

Dimensioni nominali	Foglio	600 x 1400 mm*	Tolleranze: Larghezza: +30/-80 mm Lunghezza: +30/-260 mm
	Banda	170 x 1400 mm*	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +30/-260 mm
Finitura standard	TQ		
Quantitativo minimo	Utilizzando componenti standard per incollare la serigrafia	1 spessore: 15 kg max 2 spessori: 25 kg	
	Utilizzando componenti non standard per incollare la serigrafia	1 spessore: 1 foglio/3 bande con il 20% di sovrapprezzo	
	Utilizzando componenti non standard per incollare la serigrafia	da concordare	

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

5. ART PRINT (STAMPA QUALITÀ FOTOGRAFICA)

Dimensioni nominali	Foglio	600 x 1400 mm*	Tolleranze: Larghezza: +30/-80 mm Lunghezza: +30/-260 mm
Finitura standard	TQ		
Quantitativo minimo	Utilizzando componenti standard per incollare la stampa	max 2 spessori: 5 fogli per colore	
	Utilizzando componenti non standard per incollare la stampa	da concordare	

* previo accordi, ci riserviamo la facoltà di fornire sottoformati

6. ESTRUSI

Dimensioni nominali	Foglio	600 x 1400 mm*	Tolleranze materiali non piallati: Larghezza: +35/-0 mm Lunghezza: +40/-0 mm Tolleranze materiali piallati: Larghezza: +30/-80 mm Lunghezza: +30/-260 mm
		140 x 1400 mm*	Tolleranze materiali non piallati: Larghezza: +5/-2 mm Lunghezza: +40/-0 mm Tolleranze materiali piallati: Larghezza: +15/-10 mm Lunghezza: +30/-260 mm
	150 x 1400 mm*		
	170 x 1400 mm*		
	210 x 1400 mm*		
	Banda	220 x 1400 mm*	
Finitura standard	TQ		
Quantitativo minimo	Estruso monocolore	Foglio	1 spessore: 80 kg 2 spessori: 120 kg
			1 spessore: 25 kg con il 10% di sovrapprezzo 2 spessori: 40 kg con il 10% di sovrapprezzo
		Banda	1 spessore: 50 kg 2 spessori: 70kg
			1 spessore: 15 kg con il 10% di sovrapprezzo 2 spessori: 25 kg con il 10% di sovrapprezzo
	Estruso a 2 colori	Foglio	Non producibile
		Banda	1 spessore: 50 kg 2 spessori: 70 kg
			1 spessore: 15 kg con il 10% di sovrapprezzo 2 spessori: 25 kg con il 10% di sovrapprezzo
		Estruso a 3 colori	Foglio
	Banda		1 spessore: 75 kg 2 spessori: 100 kg
			1 spessore: 25 kg con il 10% di sovrapprezzo 2 spessori: 40 kg con il 10% di sovrapprezzo
	Estruso a 4/5 colori		Foglio
		Banda	1 spessore: 100 kg 2 spessori: 130 kg 1 spessore: 35 kg con il 10% di sovrapprezzo 2 spessori: 55 kg con il 10% di sovrapprezzo

* Altre dimensioni sono possibili tenendo conto del disegno e dell'attrezzatura di estrusione. Per altri prodotti estrusi non inclusi nel presente documento saranno di volta in volta concordati i quantitativi minimi.

3. Tolleranze di spessore previste per tutti gli articoli (salvo capitolati particolari)

Blocco

Vedi Allegato I

Estruso

Vedi Allegato II

Multistrati estrusi e incollati

Vedi Allegato III

4. Tolleranze di peso sulle forniture

Articoli a catalogo

+/-10% sul quantitativo ordinato

Articoli extra catalogo

+/-15% sul quantitativo ordinato

Allegato I
Blocco (Tolleranze e Spessori)

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime	Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
1,3	1,2	1,5	48	47,0	51,0
2	1,8	2,3	50	49,0	54,0
2,3	2,0	2,6	53	52,0	57,0
2,5	2,2	2,8	55	54,0	59,0
3	2,7	3,4	60	59,0	64,0
3,5	3,2	3,9	63	62,0	67,0
4	3,6	4,5	65	64,0	69,0
4,5	4,1	5,0	68	67,0	72,0
5	4,5	5,6	70	69,0	75,0
5,5	5,0	6,1	73	72,0	78,0
6	5,5	6,6	75	74,0	80,0
7	6,3	7,8	80	79,0	85,0
8	7,2	8,8	83	82,0	88,0
10	9,5	11,3	90	89,0	95,0
11	10,5	12,3	95	94,0	101,0
12	11,5	13,3	100	99,0	106,0
13	12,5	14,3			
14	13,5	15,3			
15	14,5	16,5			
17	16,5	18,6			
18	17,5	19,6			
20	19,0	22,0			
22	21,0	24,0			
23	22,0	25,0			
25	24,0	27,0			
28	27,0	30,0			
30	29,0	33,0			
33	32,0	36,0			
35	34,0	38,0			
37	36,0	40,0			
40	39,0	43,0			
42	41,0	45,0			
45	44,0	48,0			

Allegato II
Estruso (Tolleranze e Spessori)

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
3	3,0	3,3
4	4,0	4,4
5	5,0	5,5
6	6,0	6,6
7	7,0	7,7
8	8,0	8,8
9	9,0	9,9
10	10,0	11,0
12	12,0	13,2
13	13,0	14,3
14	14,0	15,4
15	15,0	16,5
16	16,0	17,6
17	17,0	18,7
18	18,0	19,8
19	19,0	20,9
20	20,0	22,0
22	22,0	24,0
24	24,0	26,0
25	25,0	27,0
28	28,0	30,0
30	30,0	32,0
31	31,0	33,0
33	33,0	35,0

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
35	35,0	37,0
37	37,0	39,0
40	40,0	42,0
42	42,0	44,0
45	45,0	47,0
48	48,0	50,0
50	50,0	52,0
53	53,0	55,0
55	55,0	57,0
60	60,0	62,0
61	61,0	63,0
63	63,0	65,0
65	65,0	67,0
68	68,0	70,0
70	70,0	72,0
71	71,0	73,0
73	73,0	75,0
75	75,0	77,0
80	80,0	82,0
83	83,0	85,0
85	85,0	87,0
90	90,0	92,0
95	95,0	97,0
100	100,0	102,0

Allegato III**Spessori lamine multistrati estrusi**

Spessori nominali / 10mm	Tolleranze/10mm
Da 5 a 10	-/+ 0,8
Da 11 a 20	-/+ 1
Da 21 a 115	-/+ 2

Spessori finali incollati

La tolleranza sullo spessore totale è la somma delle tolleranze dei singoli componenti (inclusi i semilavorati tecnici per l'incollaggio).

Attività Lastre di Acetato

Condizioni di Vendita Mazzucchelli Asia

Produzione Hua Yi

Decorrenza 1° Marzo 2016

1. Articoli a catalogo

Prodotto	Quantitativo minimo
Estrusi	1 foglio / 1 banda
Incollati	1 foglio / 1 banda

2. Articoli extra catalogo

1 ESTRUSI

Dimensioni nominali	Materiali non piallati	140 x 1400 mm*	Tolleranze: Larghezza: +5/-2 mm Lunghezza: +40/-0 mm	
		170 x 1400 mm*		
		210 x 1400 mm*		
	Materiali piallati	140 x 1400 mm*		Tolleranze: Larghezza: +5/-2 mm Lunghezza: +30/-230 mm
		170 x 1400 mm*		
		210 x 1400 mm*		
Quantitativo minimo	Pattern semplici	1 spessore: 30 kg 2 spessori: 50 kg		
		1 spessore: 15 kg con il 20% di sovrapprezzo 2 spessori: 25 kg con il 20% di sovrapprezzo		
	Pattern complicati	1 spessore: 50 kg 2 spessori: 80 kg		
		1 spessore: 25 kg con il 20% di sovrapprezzo 2 spessori: 40 kg con il 20% di sovrapprezzo		

* È possibile fornire formati differenti in base al pattern e ai macchinari per l'estrusione.

2 INCOLLATI

Dimensioni nominali	170 x 1400 mm*	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +30/-260 mm
	170 x 700 mm*	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +30/-130 mm
	600 x 1400 mm*	Tolleranze: Larghezza: +30/-80 mm Lunghezza: +30/-260 mm
Quantitativo minimo	Prodotti su richiesta con semilavorati standard, max 5 strati	1 spessore: 15 kg 2 spessori: 25 kg
		1 spessore: 1 foglio/ 3 bande con il 20% di sovrapprezzo
	Prodotti su richiesta con semilavorati non standard, max 5 strati	da concordare

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

3. SERIGRAFIA (CON PATTERN GIA' DISPONIBILI O AD HOC)

Dimensioni nominali	170 x 1400 mm*	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +30/-260 mm
	170 x 700 mm*	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +30/-130 mm
	600 x 1400 mm*	Tolleranze: Larghezza: +30/-80 mm Lunghezza: +30/-260 mm
Quantitativo minimo	Utilizzando componenti standard per incollare la serigrafia	1 spessore: 30 kg 2 spessori: 50 kg
		1 spessore: 15 kg con il 20% di sovrapprezzo 2 spessori: 25 kg con il 20% di sovrapprezzo
	Utilizzando componenti non standard per incollare la serigrafia	da concordare

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

4 TECBLOCK/CEBLOX

Dimensioni nominali	320 x 360 mm*	Tolleranze: Larghezza: +5/-5 mm Lunghezza: +5/-5 mm
	310 x 350 mm* (Tecblock/Ceblox incollato)	Tolleranze: Larghezza: +5/-10 mm Lunghezza: +5/-10 mm
Quantitativo minimo	Pattern semplici	1 spessore: 30 kg 2 spessori: 50 kg
	Pattern complicati	1 spessore: 50 kg 2 spessori: 80 kg

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

3. Tolleranze di spessore previste per tutti gli articoli (salvo capitolati particolari)
Blocco

Vedi Allegato I

Estruso e Tecblock/Ceblox

Vedi Allegato II

Multistrati estrusi e incollati

Vedi Allegato III

4. Tolleranze di peso sulle forniture
Articoli a catalogo

+/-10% sul quantitativo ordinato

Articoli extra catalogo

+/-15% sul quantitativo ordinato

Allegato I
Blocco (Tolleranze e Spessori)

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
1,3	1,2	1,5
2	1,8	2,3
2,3	2,0	2,6
2,5	2,2	2,8
3	2,7	3,4
3,5	3,2	3,9
4	3,6	4,5
4,3	4,2	4,8
4,5	4,1	5,0
5	4,5	5,6
5,5	5,0	6,1
6	5,5	6,6
7	6,3	7,8
8	7,2	8,8
10	9,5	11,3
11	10,5	12,3
12	11,5	13,3
13	12,5	14,3
14	13,5	15,3
15	14,5	16,5
17	16,5	18,6
18	17,5	19,6
20	19,0	22,0
22	21,0	24,0
23	22,0	25,0
25	24,0	27,0
28	27,0	30,0
30	29,0	33,0
33	32,0	36,0
35	34,0	38,0
37	36,0	40,0
40	39,0	43,0

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
42	41,0	45,0
45	44,0	48,0
48	47,0	51,0
50	49,0	54,0
53	52,0	57,0
55	54,0	59,0
60	59,0	64,0
63	62,0	67,0
65	64,0	69,0
68	67,0	72,0
70	69,0	75,0
73	72,0	78,0
75	74,0	80,0
80	79,0	85,0
83	82,0	88,0
90	89,0	95,0
95	94,0	101,0
100	99,0	106,0

Allegato II
Estruso (Tolleranze e Spessori)

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
3	3,0	3,3
4	4,0	4,4
5	5,0	5,5
6	6,0	6,6
7	7,0	7,7
8	8,0	8,8
9	9,0	9,9
10	10,0	11,0
12	12,0	13,2
13	13,0	14,3
14	14,0	15,4
15	15,0	16,5
16	16,0	17,6
17	17,0	18,7
18	18,0	19,8
19	19,0	20,9
20	20,0	22,0
22	22,0	24,0
24	24,0	26,0
25	25,0	27,0
28	28,0	30,0
30	30,0	32,0
31	31,0	33,0
33	33,0	35,0

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
35	35,0	37,0
37	37,0	39,0
40	40,0	42,0
42	42,0	44,0
45	45,0	47,0
48	48,0	50,0
50	50,0	52,0
53	53,0	55,0
55	55,0	57,0
60	60,0	62,0
61	61,0	63,0
63	63,0	65,0
65	65,0	67,0
68	68,0	70,0
70	70,0	72,0
71	71,0	73,0
73	73,0	75,0
75	75,0	77,0
80	80,0	82,0
83	83,0	85,0
85	85,0	87,0
90	90,0	92,0
95	95,0	97,0
100	100,0	102,0

Allegato III**Spessori lamine multistrati estrusi**

Spessori nominali / 10mm	tolleranze/10mm
Da 5 a 10	-/+ 0,8
Da 11 a 20	-/+ 1
Da 21 a 115	-/+ 2

Spessori finali incollati

La tolleranza sullo spessore totale è la somma delle tolleranze dei singoli componenti (inclusi i semilavorati tecnici per l'incollaggio).

Attività Lastre di Acetato

Condizioni di Vendita Mazzucchelli Asia

Produzione Shanghai Da Shen

Decorrenza 1° Gennaio 2016

5. Articoli a catalogo

Prodotto	Quantitativo minimo
Basic/Trend	1 foglio

6. Articoli extra catalogo

Dimensioni nominali	600 x 1400 mm*	Tolleranze: Larghezza: +30/-60 mm Lunghezza: +30/-230 mm
Quantitativo minimo	Montaggio semplice	150 kg
		80 kg con il 20% di sovrapprezzo
Quantitativo minimo	Montaggio complicato	150 kg
		80 kg con il 20% di sovrapprezzo

* previo accordi, ci riserviamo la facoltà di fornire sottoformati.

7. Tolleranze di peso sulle forniture

Articoli a catalogo

+/-10% sul quantitativo ordinato

Articoli extra catalogo

+/-15% sul quantitativo ordinato

8. Tolleranze di spessore

Spessori nominali /10mm	Tolleranze minime	Tolleranze massime	Spessori nominali /10mm	Tolleranze minime	Tolleranze massime
1,3	1,2	1,5	50	49,0	54,0
2	1,8	2,3	53	52,0	57,0
2,3	2,0	2,6	55	54,0	59,0
2,5	2,2	2,8	60	59,0	64,0
3	2,7	3,4	63	62,0	67,0
3,5	3,2	3,9	65	64,0	69,0
4	3,6	4,5	68	67,0	72,0
4,3	4,2	4,8	70	69,0	75,0
4,5	4,1	5,0	73	72,0	78,0
5	4,5	5,6	75	74,0	80,0
5,5	5,0	6,1	80	79,0	85,0
6	5,5	6,6	83	82,0	88,0
7	6,3	7,8	90	89,0	95,0
8	7,2	8,8	95	94,0	101,0
10	9,5	11,3	100	99,0	106,0
11	10,5	12,3			
12	11,5	13,3			
13	12,5	14,3			
14	13,5	15,3			
15	14,5	16,5			
17	16,5	18,6			
18	17,5	19,6			
20	19,0	22,0			
22	21,0	24,0			
23	22,0	25,0			
25	24,0	27,0			
28	27,0	30,0			
30	29,0	33,0			
33	32,0	36,0			
35	34,0	38,0			
37	36,0	40,0			
40	39,0	43,0			
42	41,0	45,0			
45	44,0	48,0			
48	47,0	51,0			

Dati tecnici delle lastre di acetato di cellulosa in M49

CARATTERISTICHE	METODO DI RIFERIMENTO		UNITA' S.I.	VALORI
Fisiche				
Massa Volumica	ASTM D 792		gr/cm ³	1,27 - 1,32
Indice di rifrazione				n.d.
Assorbimento acqua	ASTM D 570	24h, 3,2 mm	%	2,0 - 2,5
Perdita in peso	ASTM D 570	24h, 3,2 mm	%	0,3 - 0,6
Stabilità dimensionale	ASTM D 1204		%	< 2
Meccaniche				
Resistenza a snervamento	ASTM D 638		MPa	20 - 32
Allungamento a snervamento	ASTM D 638		%	3 - 8
Resistenza a rottura	ASTM D 638		MPa	30 - 55
Allungamento a rottura	ASTM D 638		%	30 - 80
Modulo elastico in flessione	ASTM D 790		MPa	1250 - 1650
Resistenza all'urto Izod	ASTM D 256 - ISO 180	Con intaglio	kJ/m ²	4 - 12
Resistenza all'urto Charpy	ISO 179	Senza intaglio	kJ/m ²	50 - 150
Durezza Rockwell	ASTM D 785		-	75 - 100
Termiche				
Temperatura Vicat	ASTM D 1525B	Olio, 10N	°C	90 - 96
Conducibilità termica				n.d.
Coefficiente di dilatazione termica				n.d.
Velocità di combustione				n.d.
Elettriche				
Resistività elettrica di volume				n.d.
Rigidità dielettrica				n.d.

I valori indicati sono caratteristici del polimero e da considerarsi indicativi. Detti valori possono variare in base alla tipologia di struttura, alla colorazione, alle condizioni di processo utilizzate e allo spessore. Per queste ragioni i prodotti devono essere testati in relazione all'applicazione cui sono destinati.

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Commercial Data Sheets

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Acetate Sheets

Mazzucchelli Italy sales conditions

Valid from January 1st, 2016

1. Colours in our catalog

Single items' nominal sizes	see current Catalog
Dimensions tolerances	see tolerances for the "extra Catalog colours"*
Standard finish	see "extra Catalog colours"
Minimum quantity	1 sheet / 1 strip

* subject to agreement, we reserve the right to supply in subsizes.

2. Extra catalog colours

1. BLOCK

Nominal sizes	Sheet	600 x 1400 mms*	Tolerances: Width: +30/-60 mms Length: +30/-230 mms
	Strip**	170 x 1400 mms	Tolerances: Width: +30/-60 mms Length: +30/-230 mms
Standard finish	RR		
Minimum quantity	150 kgs		
	80 kgs with 10% price surcharge		

* subject to agreement, we reserve the right to supply in subsizes.

** for ashlar pearl only

2. LAMINATIONS

Nominal sizes	Sheet	600 x 1400 mms*	Tolerances: Width: +30/-80 mms Length: +30/-260 mms
	Strip	140 x 1400 mms*	Tolerances: Width: +5/-10 mms Length: +30/-260 mms
		150 x 1400 mms*	
		160 x 1400 mms*	
		170 x 1400 mms*	
	190 x 1400 mms*		
Standard finish	TQ		
Minimum quantity	Custom made products using standard components, max 5 layers	1 thickness: 15 Kgs 2 thicknesses: 25 Kgs	
		1 thickness: 1 sheet / 3 strips with 20% price surcharge	
	Custom made products using non-standard components, max 5 layers	to be agreed upon	

* subject to agreement, we reserve the right to supply in subsizes.

3. SILKSCREEN PRINTS

Nominal sizes	Sheet	600 x 1400 mms*	Tolerances: Width: +30/-80 mms Length: +30/-260 mms
	Strip	170 x 1400 mms*	Tolerances: Width: +5/-10 mms Length: +30/-260 mms
Standard finish	TQ		
Minimum quantity	If using standard components for laminating the print	max 2 thicknesses: 10 sheets / 30 strips	
		max 2 thicknesses: 5 sheets / 15 strips with 10% price surcharge	
	If using non-standard components for laminating the print	to be agreed upon	

* subject to agreement, we reserve the right to supply in subsizes.

4. PLOTTER (PRINT IN FOUR-COLORS-PROCESS)

Nominal sizes	Sheet	600 x 1400 mms*	Tolerances: Width: +30/-80 mms Length: +30/-260 mms
	Strip	170 x 1400 mms*	Tolerances: Width: +5/-10 mms Length: +30/-260 mms
Standard finish	TQ		
Minimum quantity	If using standard components for laminating the print	1 thickness: 15 kgs max 2 thicknesses: 25 kgs	
		1 thickness: 1 sheet / 3 strips with 20% price surcharge	
	If using non-standard components for laminating the print	to be agreed upon	

* subject to agreement, we reserve the right to supply in subsizes.

5. ART PRINT (PHOTO QUALITY PRINT)

Nominal sizes	Sheet	600 x 1400 mms*	Tolerances: Width : +30/-80 mms Length: +30/-260 mms
Standard finish	TQ		
Minimum quantity	If using standard components for laminating the print	5 sheets per colour in max 2 thicknesses	
	If using non-standard components for laminating the print	to be agreed upon	

* subject to agreement, we reserve the right to supply in subsizes.

6. EXTRUDED PRODUCTS

Nominal sizes	Sheet	600 x 1400 mms*	Tolerances for unplanned materials: Width: +35/-0 mm Length: +40/-0 mm Tolerances for planned materials: Width: +30/-80 mms Length: +30/-260 mms
	Strip	140 x 1400 mms*	Tolerances for unplanned materials: Width: +5/-2 mms Length: +40/-0 mms Tolerances for planned materials: Width: +15/-10 mms Length: +30/-260 mms
		150 x 1400 mms*	
		170 x 1400 mms*	
		210x 1400 mms*	
		220 x 1400 mms*	
Standard finish		TQ	
Minimum quantity	Monocolour	Sheet	1 thickness: 80 kgs 2 thicknesses: 120 kgs
			1 thickness: 25 kgs with 10% price surcharge 2 thicknesses: 40 kgs with 10% price surcharge
		Strip	1 thickness: 50 kgs 2 thicknesses: 70kgs
			1 thickness: 15 kgs with 10% price surcharge 2 thicknesses: 25 kgs with 10% price surcharge
	2 Colours	Sheet	not producible
		Strip	1 thickness: 50 kgs 2 thicknesses: 70kgs
	Strip		1 thickness: 15 kgs with 10% price surcharge 2 thicknesses: 25 kgs with 10% price surcharge
		3 Colours	Sheet
	Strip		1 thickness: 75 kgs 2 thicknesses: 100 kgs
		Strip	1 thickness: 25 kgs with 10% price surcharge 2 thicknesses: 40 kgs with 10% price surcharge
	4/5 Colours		Sheet
		Strip	1 thickness: 100 kgs 2 thicknesses: 130 kgs
Strip	1 thickness: 35 kgs with 10% price surcharge 2 thicknesses: 55 kgs with 10% price surcharge		

* Other sizes are possible depending from the pattern and extrusion equipment. For extruded colours not covered by these conditions the minimum quantity must be confirmed by us.

3. Thickness tolerances for all products (except for particular specifications)

Block

See Appendix I

Extrusion

See Appendix II

Extruded multilayers and laminations

See Appendix III

4. Weight tolerances for the shipment

Catalog items

+/-10% on the ordered quantity

Extra catalog items

+/-15% on the ordered quantity

Appendix I
Block (Thicknesses and tolerances)

Nominal thicknesses /10mm	Minimum tolerances	Maximum tolerances
1.3	1.2	1.5
2	1.8	2.3
2.3	2.0	2.6
2.5	2.2	2.8
3	2.7	3.4
3.5	3.2	3.9
4	3.6	4.5
4.5	4.1	5.0
5	4.5	5.6
5.5	5.0	6.1
6	5.5	6.6
7	6.3	7.8
8	7.2	8.8
10	9.5	11.3
11	10.5	12.3
12	11.5	13.3
13	12.5	14.3
14	13.5	15.3
15	14.5	16.5
17	16.5	18.6
18	17.5	19.6
20	19.0	22.0
22	21.0	24.0
23	22.0	25.0
25	24.0	27.0
28	27.0	30.0
30	29.0	33.0
33	32.0	36.0
35	34.0	38.0
37	36.0	40.0
40	39.0	43.0
42	41.0	45.0
45	44.0	48.0

Nominal thicknesses /10mm	Minimum tolerances	Maximum tolerances
48	47.0	51.0
50	49.0	54.0
53	52.0	57.0
55	54.0	59.0
60	59.0	64.0
63	62.0	67.0
65	64.0	69.0
68	67.0	72.0
70	69.0	75.0
73	72.0	78.0
75	74.0	80.0
80	79.0	85.0
83	82.0	88.0
90	89.0	95.0
95	94.0	101.0
100	99.0	106.0

Appendix II
Extrusion (Thicknesses and tolerances)

Nominal thicknesses/10mm	Minimum tolerances	Maximum tolerances
3	3.0	3.3
4	4.0	4.4
5	5.0	5.5
6	6.0	6.6
7	7.0	7.7
8	8.0	8.8
9	9.0	9.9
10	10.0	11.0
12	12.0	13.2
13	13.0	14.3
14	14.0	15.4
15	15.0	16.5
16	16.0	17.6
17	17.0	18.7
18	18.0	19.8
19	19.0	20.9
20	20.0	22.0
22	22.0	24.0
24	24.0	26.0
25	25.0	27.0
28	28.0	30.0
30	30.0	32.0
31	31.0	33.0
33	33.0	35.0

Nominal thicknesses/10mm	Minimum tolerances	Maximum tolerances
35	35.0	37.0
37	37.0	39.0
40	40.0	42.0
42	42.0	44.0
45	45.0	47.0
48	48.0	50.0
50	50.0	52.0
53	53.0	55.0
55	55.0	57.0
60	60.0	62.0
61	61.0	63.0
63	63.0	65.0
65	65.0	67.0
68	68.0	70.0
70	70.0	72.0
71	71.0	73.0
73	73.0	75.0
75	75.0	77.0
80	80.0	82.0
83	83.0	85.0
85	85.0	87.0
90	90.0	92.0
95	95.0	97.0
100	100.0	102.0

Appendix III**Thickness of layers for extruded materials**

Nominal thickness / 10mms	Tolerances /10mms
From 5 to 10	-/+ 0,8
From 11 to 20	-/+ 1
From 21 to 115	-/+ 2

Final thicknesses for laminations

The tolerance of the total thickness is the sum of the tolerances of each single components (included the technical semi-finished glueing layers).

Acetate Sheets

Mazzucchelli Asia sales conditions

Hua Yi production

Valid from March 1st, 2016

1. Colours in our catalog

Products	Minimum quantity
Extrusion	1 sheet / 1 strip
Lamination	1 sheet / 1 strip

2. Extra catalog colours

1 EXTRUSION

Nominal sizes	Unplanned materials	140 x 1400 mms*	Tolerances for unplanned materials: Width: +5/-2 mms Length: +40/-0 mms
		170 x 1400 mms*	
		210 x 1400 mms*	
	Planned materials	140 x 1400 mms*	Tolerances for planned materials: Width: +5/-2 mms Length: +30/-230 mms
		170 x 1400 mms*	
		210 x 1400 mms*	
Minimum quantity	Regular patterns	1 thickness: 30 kgs 2 thicknesses: 50 kgs	
		1 thickness: 15 kgs with 20% price surcharge 2 thicknesses: 25 kgs with 20% price surcharge	
	Complicated patterns	1 thickness: 50 kgs 2 thicknesses: 80 kgs	
		1 thickness: 25 kgs with 20% price surcharge 2 thicknesses: 40 kgs with 20% price surcharge	

* Other sizes are possible depending from the pattern and extrusion equipment.

2. LAMINATIONS

Nominal sizes	170 x 1400 mms*	Tolerances: Width: +5/-10 mms Length: +30/-260 mms
	170 x 700 mms*	Tolerances: Width: +5/-10 mms Length: +30/-130 mms
	600 x 1400 mms*	Tolerances: Width: +30/-80 mms Length: +30/-260 mms
Minimum quantity	Custom made products using standard components, max 5 layers	1 thickness: 15 kgs 2 thicknesses: 25 kgs
		1 thickness: 1 sheet / 3 strips with 20% price surcharge
	Custom made products using non-standard components, max 5 layers	to be agreed upon

* subject to agreement, we reserve the right to supply in subsizes

3. SILKSCREEN PRINT (with available or custom design)

Nominal sizes	170 x 1400 mms*	Tolerances: Width: +5/-10 mms Length: +30/-260 mms
	170 x 700 mms*	Tolerances: Width: +5/-10 mms Length: +30/-130 mms
	600 x 1400 mms*	Tolerances: Width: +30/-80 mms Length: +30/-260 mms
Minimum quantity	If using standard components for laminating the print	1 thickness: 30 kgs 2 thicknesses: 50 kgs
		1 thickness: 15 kgs with 20% price surcharge 2 thicknesses: 25 kgs with 20% price surcharge
	If using non-standard components for laminating the print	to be agreed upon

* subject to agreement, we reserve the right to supply in subsizes

4. TECBLOCK/CEBLOX

Nominal sizes	320 x 360 mms*	Tolerances: Width: +5/-5 mms Length: +5/-5 mm
	310 x 350 mms* (Laminated Tecblock/Ceblox)	Tolerances: Width: +5/-10 mms Length: +5/-10 mms
Minimum quantity	Simple Patterns	1 thickness: 30 kgs 2 thicknesses: 50 kgs
	Complicated patterns and laminated	1 thickness: 50 kgs 2 thicknesses: 80 kgs

* subject to agreement, we reserve the right to supply in subsizes

3. Thickness tolerances for all products (except for particular specifications)

Block

See Appendix I

Extrusion and tecblock/ceblox

See Appendix II

Extruded multilayers and laminations

See Appendix III

4. Weight tolerances for the shipment

Catalog items

+/-10% on the ordered quantity

Extra catalog items

+/-15% on the ordered quantity

Appendix I
Block (Thicknesses and tolerances)

Nominal thicknesses/10mms	Minimum tolerances	Maximum tolerances
1.3	1.2	1.5
2	1.8	2.3
2.3	2.0	2.6
2.5	2.2	2.8
3	2.7	3.4
3.5	3.2	3.9
4	3.6	4.5
4.3	4.2	4.8
4.5	4.1	5.0
5	4.5	5.6
5.5	5.0	6.1
6	5.5	6.6
7	6.3	7.8
8	7.2	8.8
10	9.5	11.3
11	10.5	12.3
12	11.5	13.3
13	12.5	14.3
14	13.5	15.3
15	14.5	16.5
17	16.5	18.6
18	17.5	19.6
20	19.0	22.0
22	21.0	24.0
23	22.0	25.0
25	24.0	27.0
28	27.0	30.0
30	29.0	33.0
33	32.0	36.0
35	34.0	38.0
37	36.0	40.0
40	39.0	43.0

Nominal thicknesses/10mms	Minimum tolerances	Maximum tolerances
42	41.0	45.0
45	44.0	48.0
48	47.0	51.0
50	49.0	54.0
53	52.0	57.0
55	54.0	59.0
60	59.0	64.0
63	62.0	67.0
65	64.0	69.0
68	67.0	72.0
70	69.0	75.0
73	72.0	78.0
75	74.0	80.0
80	79.0	85.0
83	82.0	88.0
90	89.0	95.0
95	94.0	101.0
100	99.0	106.0

Appendix II
Estrusion, Tecblock/Ceblox (Thicknesses and tolerances)

Nominal thicknesses/10mms	Minimum tolerances	Maximum tolerances
3	3.0	3.3
4	4.0	4.4
5	5.0	5.5
6	6.0	6.6
7	7.0	7.7
8	8.0	8.8
9	9.0	9.9
10	10.0	11.0
12	12.0	13.2
13	13.0	14.3
14	14.0	15.4
15	15.0	16.5
16	16.0	17.6
17	17.0	18.7
18	18.0	19.8
19	19.0	20.9
20	20.0	22.0
22	22.0	24.0
24	24.0	26.0
25	25.0	27.0
28	28.0	30.0
30	30.0	32.0
31	31.0	33.0
33	33.0	35.0

Nominal thicknesses/10mms	Minimum tolerances	Maximum tolerances
35	35.0	37.0
37	37.0	39.0
40	40.0	42.0
42	42.0	44.0
45	45.0	47.0
48	48.0	50.0
50	50.0	52.0
53	53.0	55.0
55	55.0	57.0
60	60.0	62.0
61	61.0	63.0
63	63.0	65.0
65	65.0	67.0
68	68.0	70.0
70	70.0	72.0
71	71.0	73.0
73	73.0	75.0
75	75.0	77.0
80	80.0	82.0
83	83.0	85.0
85	85.0	87.0
90	90.0	92.0
95	95.0	97.0
100	100.0	102.0

Appendix III**Thickness of layers for extruded materials**

Nominal sizes / 10mms	Tolerances/10mms
From 5 to 10	-/+ 0,8
From 11 to 20	-/+ 1
From 21 to 115	-/+ 2

Final thicknesses for laminations

The tolerance of the total thickness is the sum of the tolerances of each single components (included the technical semi-finished glueing layers).

Acetate Sheets

Mazzucchelli Asia sales conditions

Shanghai Da Shen production

Valid from January 1st, 2016

1. Colours in our catalog

Product	Minimum quantity
Basic/Trend	1 sheet

2. Extra catalog colours

Nominal sizes	600 x 1400 mms*	Tolerances: Width: +30/-60 mms Length: +30/-230 mm
Minimum quantity	MS (simple) block	150 kgs
		80 kgs with 20% price surcharge
	MC (complicated) block	150 kgs
		80 kgs with 20% price surcharge

* subject to agreement, we reserve the right to supply in subsizes.

3. Weight tolerances for the shipment

Catalog items

+/-10% on the ordered quantity

Extra catalog items

+/-15% on the ordered quantity

4. Thickness tolerances

Nominal thickness /10mms	Minimum tolerances	Maximum tolerances
1.3	1.2	1.5
2	1.8	2.3
2.3	2.0	2.6
2.5	2.2	2.8
3	2.7	3.4
3.5	3.2	3.9
4	3.6	4.5
4.3	4.2	4.8
4.5	4.1	5.0
5	4.5	5.6
5.5	5.0	6.1
6	5.5	6.6
7	6.3	7.8
8	7.2	8.8
10	9.5	11.3
11	10.5	12.3
12	11.5	13.3
13	12.5	14.3
14	13.5	15.3
15	14.5	16.5
17	16.5	18.6
18	17.5	19.6
20	19.0	22.0
22	21.0	24.0
23	22.0	25.0
25	24.0	27.0
28	27.0	30.0
30	29.0	33.0
33	32.0	36.0
35	34.0	38.0
37	36.0	40.0
40	39.0	43.0
42	41.0	45.0
45	44.0	48.0
48	47.0	51.0

Nominal thickness /10mms	Minimum tolerances	Maximum tolerances
50	49.0	54.0
53	52.0	57.0
55	54.0	59.0
60	59.0	64.0
63	62.0	67.0
65	64.0	69.0
68	67.0	72.0
70	69.0	75.0
73	72.0	78.0
75	74.0	80.0
80	79.0	85.0
83	82.0	88.0
90	89.0	95.0
95	94.0	101.0
100	99.0	106.0

Material properties M49

PROPERTIES	REFERENCE METHOD		I.S. UNITS	REF. VALUES
Physical				
Density	ASTM D 792		gr/cm ³	1,27 - 1,32
Refraction's index				n.a.
Water absorption	ASTM D 570	24h, 3,2 mm	%	2,0 - 2,5
Weight loss	ASTM D 570	24h, 3,2 mm	%	0,3 - 0,6
Dimensional stability	ASTM D 1204		%	< 2
Mechanical				
Tensile strength at yield	ASTM D 638		MPa	20 - 32
Elongation at yield	ASTM D 638		%	3 - 8
Tensile strength at break	ASTM D 638		MPa	30 - 55
Elongation at break	ASTM D 638		%	30 - 80
Elastic Modulus	ASTM D 790		MPa	1250 - 1650
Impact resistance IZOD	ASTM D 256 - ISO 180	Notched	kJ/m ²	4 - 12
Impact resistance Charpy	ISO 179	Unnotched	kJ/m ²	50 - 150
Rockwell hardness	ASTM D 785		-	75 - 100
Thermal				
Vicat softening point	ASTM D 1525B	Oil, 10 N	°C	90 - 115
Thermal conductivity				n.a.
Thermal expansion coefficient				n.a.
Burning rate				n.a.
Electrical				
Electrical volume resistivity				n.a.
Dielectric strength				n.a.

The indicated values are characteristic for the polymer and have to be considered as indicative. Those values could change based on the structure, on the selected color, process condition and thickness. Therefore, the products have to be tested accordingly to the use they are designated to.

