Twin
technical specification

.mdd

MDD has a leading position among manufacturers of office furniture with many awards that prove quality and continuously increase demand for it`s products.
The realities of today`s market require constant quality improvement at all levels of modern organization. This applies in particular to customer service, marketing, quality of products and also to quality of processes within the company. Partnership relations among employees and with business partners form a base of economic growth and success of the company.
Constant investments in innovative machinery park, optimization of managment systems and an expansion of production halls allow to minimize the lead times for the product of the highest quality.

More than twenty years of experience in office furniture industry come with reference from a long list of companies and institutions to show their appreciation for an efficient and comprehensive service.
MDD is higly aware of the environment.
Being located in the forest region with lake by it1s side, MDD takes the nature seriously and invests constantly in a modern and energy-efficient solutions to preserve the local life. Company puts emphasis on waste segregation and recycling. MDD has been awarded for the exceptional care and involvement in waste disposal. All materials used are environmentally friendly and enjoy a high 95 % rate of being recycled.

General informations:

Warranty:
MDD products - **5 years**.
Electrical components and fabric - **2 years**.

Certyficate - MFC:

Certyficate - fabric:

Assembly:
product delivered in separate elements

Packing:
cardboard, packing film

Boards density:
12 mm - 690 - 750 kg/m3
18 mm - 650 - 690 kg/m3
28 mm - 610 - 630 kg/m3
36 mm - 610 - 630 kg/m3

Screens

1. **Twin screens -** pinable
2. **Yan -** panel fixing for single desks (OPTION WITH EXTRA CHARGE)
3. **Yan -** brackets for benches included
4. **Ogi, Ergonomic Master -** panel fixing for single desks (OPTION WITH EXTRA CHARGE)
5. **Ogi -** brackets for benches included

* Ornament - plastic strip in gray colour; ** Fixing for 16 - 30 mm thick tops

Side screens for bench desks

1. **Twin screens -** pinnable, strip colour: aluminum
2. **Side screen fixings for Ogi desks -** foot 2 pcs
3. **Side screen fixings for Yan desks -** slate placed between worktops

Side screens (mm)

1. **Side screens -** pinnable
2. **Fixing for side panels Twin, Sonic -** powder coated metal, colour: M009 - aluminium semi-matt

Accessories for function rail

1. **Function rail**
2. **Monitor holder -** powder coated steel, colour: M009 - aluminium semi-matt
3. **Pencil case -** powder coated steel
4. **Shelf -** A4 size, powder coated steel
5. **Organizer -** powder coated metal

ATTENTION: Only accessories from MDD offer can be mounted

Fabric screens for bench desks

1. **Fabric -** pinable
2. **Fixing element -** powder coated metal, colour: M009 - aluminum semi-matt
3. **Fixing strip -** metal powder coated, colour: M009 - aluminum semi-matt

Twin - fabric screens *

ZUT12
1190 / 30 / 350
7.1 kg

ZUT14
1390 / 30 / 350
10 kg

ZUT16
1590 / 30 / 350
9.5 kg

ZUT18
1790 / 30 / 350
12 kg

ZUT20
1990 / 30 / 350
12.5 kg

ZUT22
1190 / 30 / 350-450
10 kg

ZUT24
1390 / 30 / 350-450
11 kg

ZUT26
1590 / 30 / 350-450
12 kg

ZUT28
1790 / 30 / 350-450
13 kg

ZUT29
1990 / 30 / 350-450
14 kg

ZUT52
1190 / 30 / 500
9.5 kg

ZUT54
1390 / 30 / 500
11.5 kg

ZUT56
1590 / 30 / 500
12.5 kg

ZUT58
1790 / 30 / 500
14 kg

ZUT59
1990 / 30 / 500
15.5 kg

* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

Twin - fabric screens for bench desks *

ZUT32
1190 / 30 / 360
7 kg

ZUT34
1390 / 30 / 360
7.5 kg

ZUT36
1590 / 30 / 560
12 kg

ZUT38
1790 / 30 / 560
13 kg

ZUT46
1590 / 30 / 560
10 kg

ZUT48
1790 / 30 / 560
12 kg

Twin - fabric side screens for bench desks *

ZYT78
1600 / 30 / 350
12 kg

ZYT79
1600 / 30 / 500
12 kg

ZOT58
577 / 30 / 350
3.8 kg

ZOT68
677 / 30 / 350
4 kg

ZOT78
777 / 30 / 350
4.2 kg

ZOT10
577 / 30 / 500
4.1 kg

ZOT40
677 / 30 /500
5.5 kg

ZOT79
777 / 30 / 500
6 kg

* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

Twin - screens for single desk *

ZUT80
600 / 30 / 500
6 kg

ZUT90
700 / 30 / 500
6.5 kg

ZUT30
800 / 30 / 500
7 kg

ZUT60
600 / 30 / 650
7.5 kg

ZUT70
700 / 30 / 650
8 kg

ZUT50
800 / 30 / 650
8.5 kg

Twin - screens for bench *

ZUT11
1200 / 30 / 500
10 kg

ZUT41
1400 / 30 / 500
11.5 kg

ZUT31
1600 / 30 / 500
12 kg

ZUT61
1200 / 30 / 650
12.5 kg

ZUT71
1400 / 30 / 650
14.5 kg

ZUT51
1600 / 30 / 650
15 kg

* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

Protective panel *

PUX12
1190 / 4 / 350
3.4 kg

PUX14
1390 / 4 / 350
3.9 kg

PUX16
1590 / 34 / 350
4.2 kg

PUX18
1790 / 4 / 350
4.6 kg

PUX20
1990 / 4 / 350
4.9 kg

PUX80
577 / 4 / 350
2.2 kg

PUX90
677 / 4 / 350
2.3 kg

PUX30
777 / 4 / 350
2.4 kg

* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

Fabric Nemo

NE-1 Beige

NE-2 Yellow

NE-3 Orange

NE-5 Red

NE-9 Green

NE-10 Grey

NE-14 Graphite

NE-15 Navy blue

NE-16 Black

NE-17 Blue

Technical data:

Material	polyester 100%
Fabric weight	366g/m2
Abrasion resistance rubs	PN_EN ISO 12947 - 2:2 100,000
Pilling resistance	scale 1-8, max. 8, PN-EN ISO 105 - B02 (3-4)
Colour fastness to light	scale 1-5, max. 5, PN-EN 1021 - 2,
Colour fastness to rubbing	PN-EN 1021 - 1 skcale 1-5, max. 5, EN ISO 105x12 (wet/dry) 4-5

Fabric Runner - second price group

R-63034 Orange

R-64089 Red

R-66063 Blue

R-60011 Grey

R-68056 Green

R-66064 Navy Blue

R-60999 Black

R-60025 Graphite

R-61128 Beige

R-61130 Brown

Technical data:

Material	80% polyester, 20% post-consumer recycled polyester
Fabric weight	510 g/lm (16.45 oz/lin.yd.)
Abrasion resistance rubs	BS EN ISO 12947-2 70,000 Martindale cycles
Pilling resistance	scale 1-5, max 5, EN ISO 12945-2 (4-5)
Colour fastness to light	scale 1-8, max 8,EN ISO 105-B02 (5-7)
Colour fastness to rubbing	scale 1-5, max 5, EN ISO 105x12 (wet/dry) 4-5
Acoustic test sound absorption	ISO 354
Flammability	BS EN 1021-2 Match, CA TB 117-2013, BS EN 1021-1 (cigarette) Class Uno UNI 9175 Class 2, EMME

Fabric Medley - second group

M-68005 Dark olive

M-68002 Light olive

M-68115 Green

M-61002 Beige

M-67053 Navy blue

M-67006 Light blue

M-66008 Grey

M-64019 Red

M-63064 Pink

M-60999 Black

Technical data:

Material	polyester 100%
Fabric weight	510 g/lm (16.45 oz/lin.yd.)
Abrasion resistance rubs	BS EN ISO 12947-2, 75,000 cykli Martindale
Pilling resistance	scale 1-5, max. 5, EN ISO 12945-2 (4)
Colour fastness to light	scale 1-8, max. 8, EN ISO 105-B02 (5-7)
Colour fastness to rubbing	scale 1-5, max. 5, EN ISO 105x12 (wet/dry (4-5/4-5)
Acoustic test sound absorption	ISO 354
Flammability	BS EN 1021-1 (cigarette) BS 476 Part 7, Class 2 Class Uno UNI 9174 - UNI 8457 CA TB 117-2013 ASTM E 84 Class I

Fabric Atlantic * - second price group

Technical data:

Material	polyester 100%
Fabric weight	530 g/lm (17.09 oz/lin.yd.)
Abrasion resistance rubs	BS EN ISO 12947-2, 110,000 Martindale cycles
Pilling resistance	scale 1-5, max. 5, EN ISO 12945-2 (4-5)
Colour fastness to light	scale 1-8, max. 8, EN ISO 105-B02 (5-7)
Colour fastness to rubbing	scale 1-5, max. 5, EN ISO 105x12 (wet/dry
Flammability	CA TB 117-2013 ASTM E 84 Class I BS EN 1021-2 (match) BS EN 1021-1 (cigarette)

Fabric River - second group

Technical data:

Material	polyester 100%
Fabric weight	300g/m2 (+/- 5%)
Abrasion resistance rubs	100,000 Martindale cycles (EN ISO 12947-1,2)
Pilling resistance	EN ISO 12945-2 (5)
Colour fastness to light	4 (EN ISO 105-B02)
Colour fastness to rubbing	dry: 4-5, wet: 3 (EN ISO 105-x12)
Flammability	BS 5852: Part 1, Ignition Source 0 (cigarette) BS 5852: Part 1, Ignition Source 1 (match) En1021 - 2

Fabric Vita - second price group

Technical data:

Material	Surface: 98,5% PVC, 1,5% PU Substrate: 50% poliester, 50% Cotton
Fabric weight	850g/m2 ± 10% (1190G/lin. m ± 10%)
Abrasion resistance rubs	BS EN ISO 5470-2, 100,000 Martindale cycles
Colour fastness to light	6 (ISO 105 - B02)
Colour fastness to rubbing	wet: 4, dry: 4 (ISO 105 - X12)
Flammability	BS EN 1021 - (cigarette) BS EN 1021 - 2 (match) BS 5852 - (Ignition Source 5) BS 7176 - (Medium Hazard)
Flexes	BS EN ISO 7854 - Method B, 400.000 Flexing cycles
Anti-microblal / Anti-fungal	AATCC 147

*** There is a possibility of ordering the product in full colour spectrum of Atlantic range, as per Gabriel's pattern book, within 8 weeks**

Fabric Xtreme - third price group

XR160 Aquamarine

XR430 Dark turquoise

XR026 Navy blue

XR084 Violet

XR009 Black

XR420 Olive

XR081 Dark grey

XR094 Grey

XR108 Beige

XR079 Red

YS071 Light brown

Technical data:

Material	100% Trevira Clame (CS) 100% Recykling (YS) Flame Retardant polyester. Non metallic dyestuffs.
Fabric weight	310 g/m2 ±5% (435g/lin.m ±5%)
Abrasion resistance rubs	60,000 Martindale cycles (CS) 100,000 Martindale cycles (YS)
Colour fastness to light	6 (ISO 105 - B02)
Colour fastness to rubbing	wet: 4, dry: 4 (ISO 105 - X12)
Flammability	EN 1021 - 1 (cigarette), EN 1021 - 2 (match) BS 7176 Low Hazard, NF P92-507 M1, DIN 4102 B1, UNI 9175 Class 1 IM, UNI 8456, UNI 9174 & UNI 9177 Classe Uno, ÖNORM B 3825 & A 3800-1 NF D 60-013

Fabric Synergy - third price group

LDS08 Grey melange

LDS20 Light grey

LDS27 Black

LDS29 Dark grey

LDS50 Dark green

LDS53 Green

LDS57 Turquoise

LDS60 Bottle green

LDS61 Plum

LDS69 Navy blue

LDS84 Orange

LDS86 Red

LDS88 Aubergine

LDS85 Coral

LDS19 Beige

LDS79 Brown

LDS44 Yellow

Technical data:

Material	95% Virgin Wool, 5% Poliamid
Fabric weight	400g/m2 ±5% (560 g/lin.m ±5%)
Abrasion resistance rubs	Independently certified ≥100,000 Martindale cycles
Colour fastness to light	5 (ISO 105 - B02)
Colour fastness to rubbing	ISO 105 - X12 - wet: 4, dry: 4
Flammability	EN 1021 - 1 (cigarette, EN 1021 - 2 (match), BS 7176 Low Hazard, UNI 9175 Classe 1 IM, ÖNORM B 3825 & A 3800-1

Fabric Silvertex - third price group

There is a possibility of ordering the product in full colour spectrum of Silvertex range, as per Spradling's pattern book, within 15 working days.

Technical data:

Material	Topcoat: 100% Vinyl Backing: 100% Polyesterr Hi-Loft ZTM
Fabric weight	685 gr/m2
Abrasion resistance	>300,000 cycles Martindale
UV-resistance	>= 7 (1000 hours, blue wool scale)
Cold Crack resistance	-23°C
Flame retardancy	NF P 92-503 / M2 EN 1021, Part 1&2 DIN 4102 B2 ÖNORM B 3825, Gruppe I - Schwerbrennbares Verhalten ÖNORM A 3800, Teil I, Qualmbildungsklasse QI - schwachqualmend IMO Res. MSC.307 (88) (2010 FTP Code) Annex I Part 8 (MED) Marine Equipment Directive in its current valid version UNI 91 75 (1987) / UNI 9175/FAI (1994) Classe I.IM (uno I EMME) UNE 23.727-90 IR /M2 EN 71-2: 2006+AI: 2007 Safety of Toys - Part 2: Flammability ECE R I I 8 (replaces Directiveę 95/28/EC) FMVSS 302 FAR 25/853
Antimicrobial	Antifungal Protection, Antibacterial Protection, Antimycotic Protection

Fabric Atlas - fourth price group

AS-531 Orange

AS-501 Pink

AS-651 Red

AS-681 Burgundy

AS-391 Brown

AS-781 Navy blue

AS-161 Dark grey

AS-111 Light grey

AS-971 Light green

AS-981 Dark green

Technical data:

Material	90% new wool, 10% nylon
Fabric weight	286g/m2, 400g/lm
Abrasion resistance rubs	100,000 cykli Martindale, EN ISO 12947
Colour fastness to light	ISO 105 B02: 6-7
Colour fastness to rubbing	ISO 105-X12:2001, (wet/dry) 4-5/4-5
Flammability	BS EN 1021-2 Match,BS EN 1021-1 Cigarette, BS 5 5852 Crib 5, BS 5852 ignition source 3, BS 5852 Part 1, NF D 60 013, UNI 9175 1IM, US Cal. Bull. 117-2013

Fabric Field2 - fourth price group

FD-463 Yellow

FD-963 Green

FD-123 Beige

FD-132 Grey

FD-142 Graphite

FD-662 Red

FD-673 Blue-red

FD-782 Navy blue

FD-693 Burgundy

FD-192 Black

Technical data:

Material	100% Trevira CS
Fabric weight	321g/m2, 450g/lm
Abrasion resistance rubs	100,000 cykli Martindale, EN ISO 12947
Colour fastness to light	ISO 105 B02: 5-7
Flammability	BS EN 1021-2 Match,BS EN 1021-1 Cigarette, BS 5 5852 Crib 5, DIN 4102 B1 FAR 25.853, UNI 9177 classe 1, US Cal. Bull. 117-2013

Bracket

M009 Aluminum
semi-matt RAL9006

M015 White
semi-matt RAL9010

M154 Anthracite
semi-matt RAL7043

M115 Black
semi-matt RAL9005

Accessories

M009 Aluminum
semi-matt RAL9006