

PLASTIC PEN

YOUR EVERYDAY

PP03

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG 

max printing size : 5cm(W) x 0.5cm(H)



PP11

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG 

max printing size : 5cm(W) x 0.5cm(H)



PP45

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG 

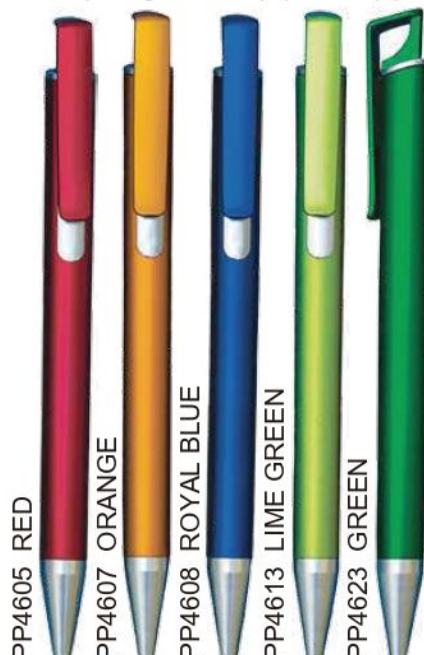
max printing size : 6cm(W) x 0.5cm(H)



PP46

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG 

max printing size : 7cm(W) x 0.5cm(H)



PP48

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG 

max printing size : 7cm(W) x 0.5cm(H)



PP49

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 7cm(W) x 0.5cm(H)



PP54

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 3cm(W) x 0.5cm(H)



PP55

Ink : Black
Type : Ball Pen
Weight : +/- 15g
Printing Method : 

max printing size : 4cm(W) x 0.7cm(H)



PP57

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 7cm(W) x 0.5cm(H)



PP58

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method : 

max printing size : 5cm(W) x 0.6cm(H)



PP61

Ink : Black
Type : Ball Pen
Weight : +/- 8g
Printing Method :  FULL COLOR UNIDIRECT SILK SCREEN

max printing size : 4cm(W) x 0.5cm(H)



PP64

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  FULL COLOR UNIDIRECT SILK SCREEN

max printing size : 6cm(W) x 0.5cm(H)



PP67

Ink : Black
Type : Ball Pen
Weight : +/- 9g
Printing Method :  FULL COLOR UNIDIRECT SILK SCREEN

max printing size : 6cm(W) x 0.5cm(H)



PP69

Ink : Black
Type : Ball Pen
Weight : +/- 11g
Printing Method :  FULL COLOR UNIDIRECT SILK SCREEN

max printing size : 6cm(W) x 0.5cm(H)



PP71

Ink : Black
Type : Ball Pen
Weight : +/- 11g
Printing Method :  FULL COLOR UNIDIRECT SILK SCREEN

max printing size : 4cm(W) x 0.6cm(H)



PP72

Ink : Black
Type : Ball Pen
Weight : +/- 11g
Printing Method :  FULL COLOR UNIDIRECT SILK SCREEN

max printing size : 4cm(W) x 0.5cm(H)



PP73

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  FULL COLOR SG

max printing size : 6cm(W) x 0.6cm(H)



PP75

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  FULL COLOR SG

max printing size : 4cm(W) x 0.5cm(H)



PP76

Ink : Black
Type : Ball Pen
Weight : +/- 8g
Printing Method :  FULL COLOR SG

max printing size : 7cm(W) x 0.5cm(H)



PP78 STYLUS PEN

Ink : Black
Type : Ball Pen
Weight : +/- 9g
Printing Method :  FULL COLOR SG

max printing size : 6cm(W) x 0.5cm(H)



PP79 STYLUS PEN

Ink : Black
Type : Ball Pen
Weight : +/- 8g
Printing Method :  FULL COLOR SG

max printing size : 6cm(W) x 0.5cm(H)



PP80

Ink : Black
Type : Gel Ink Pen
Weight : +/- 11g
Printing Method : 

max printing size : 4cm(W) x 0.5cm(H)



PP81

Ink : Black
Type : Gel Ink Pen
Weight : +/- 12g
Printing Method : 

max printing size : 6cm(W) x 0.5cm(H)



PP82

Ink : Black
Type : Gel Ink Pen
Weight : +/- 12g
Printing Method : 

max printing size : 6cm(W) x 0.5cm(H)



PP84

Ink : Black
Type : Gel Ink Pen
Weight : +/- 16g
Printing Method : 

max printing size : 6cm(W) x 0.5cm(H)



PP85

Ink : Black
Type : Gel Ink Pen
Weight : +/- 12g
Printing Method : 

max printing size : 4cm(W) x 0.6cm(H)



PP88

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 4cm(W) x 0.5cm(H)



PP91

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

max printing size : 4cm(W) x 0.5cm(H)



PP92

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 3cm(W) x 0.5cm(H)



PP93

Ink : Black/Red/Blue/Green
Type : Ball Pen
Weight : +/- 13g
Printing Method :  SG

max printing size : 5cm(W) x 0.7cm(H)



PP95

Ink : Black
Type : Ball Pen
Weight : +/- 9g
Printing Method :  SG

max printing size : 4cm(W) x 0.5cm(H)



PP96

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

max printing size : 4cm(W) x 0.5cm(H)



PP97

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 5cm(W) x 0.5cm(H)



PP98

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 4.5cm(W) x 0.5cm(H)



PP99

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 4cm(W) x 0.5cm(H)



PPAA STYLUS PEN

Ink : Black
Type : Ball Pen
Weight : +/- 11g
Printing Method :  SG

max printing size : 4cm(W) x 0.5cm(H)



PPAB

Ink : Black
Type : Ball Pen
Weight : +/- 8g
Printing Method :  SG

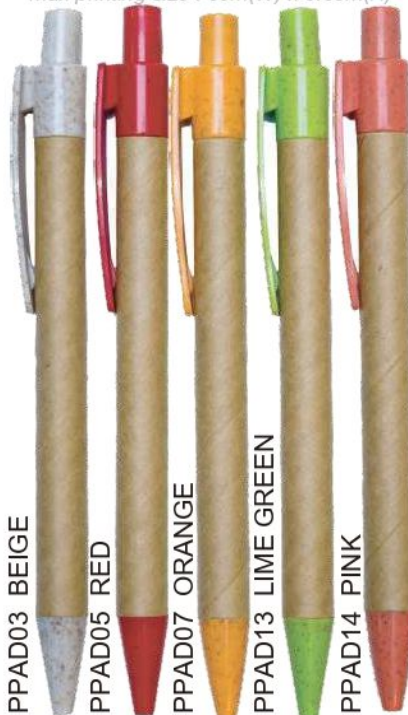
max printing size : 5cm(W) x 0.5cm(H)



PPAD

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

max printing size : 6cm(W) x 0.6cm(H)



PPAF

Ink : Black
Type : Ball Pen
Weight : +/- 13g
Printing Method :  SG

max printing size : 5cm(W) x 0.6cm(H)



PPAG

Ink : Black
Type : Ball Pen
Weight : +/- 8g
Printing Method :  SG

max printing size : 6cm(W) x 0.5cm(H)



PPAI

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

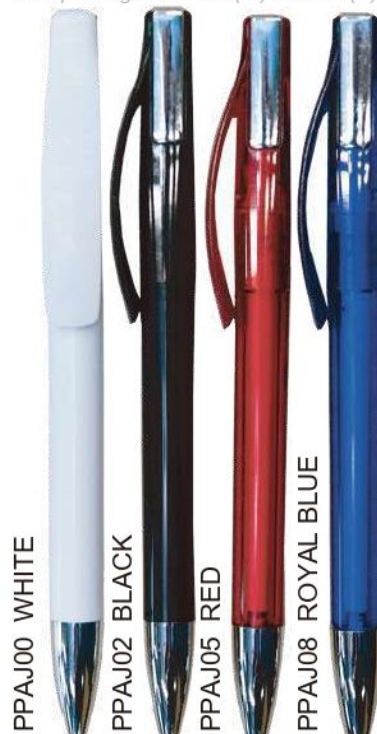
max printing size : 6cm(W) x 0.6cm(H)



PPAJ

Ink : Black
Type : Ball Pen
Weight : +/- 13g
Printing Method :  SG

max printing size : 5cm(W) x 0.6cm(H)



PPAK

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

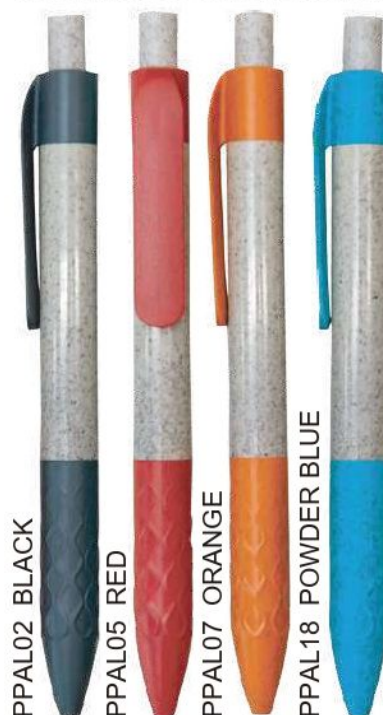
max printing size : 4.5cm(W) x 0.6cm(H)



PPAL

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method : 

max printing size : 5cm(W) x 0.6cm(H)



PPAM

Ink : Black
Type : Ball Pen
Weight : +/- 9g
Printing Method : 

max printing size : 4cm(W) x 0.6cm(H)



PPAN STYLUS PEN

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method : 

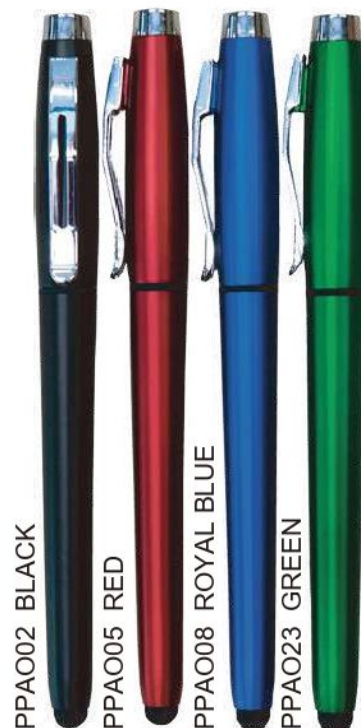
max printing size : 4cm(W) x 0.6cm(H)



PPAO STYLUS PEN

Ink : Black
Type : Gel Ink Pen
Weight : +/- 10g
Printing Method : 

max printing size : 3cm(W) x 0.5cm(H)



PPAP

Ink : Black
Type : Ball Pen
Weight : +/- 16g
Printing Method : 

max printing size : 3cm(W) x 0.5cm(H)



PPAQ

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method : 

max printing size : 3cm(W) x 0.5cm(H)



PPAR

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 4cm(W) x 0.5cm(H)



PPAS STYLUS PEN

Ink : Black
Type : Ball Pen
Weight : +/- 15g
Printing Method : 

max printing size : 5cm(W) x 0.5cm(H)



PPAT

Ink : Black
Type : Ball Pen
Weight : +/- 11g
Printing Method : 

max printing size : 4cm(W) x 0.5cm(H)



PPAU

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

max printing size : 3cm(W) x 0.5cm(H)



PPAV STYLUS PEN

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 6cm(W) x 0.5cm(H)



PPAW

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 6cm(W) x 0.5cm(H)



PPAX

Ink : Black
Type : Bamboo Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 3cm(W) x 0.5cm(H)



PPAY

Ink : Black
Type : Bamboo Ball Pen
Weight : +/- 20g
Printing Method :  SG

max printing size : 4cm(W) x 0.5cm(H)



PPAZ

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

max printing size : 3cm(W) x 0.5cm(H)



PPBA

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 4cm(W) x 0.5cm(H)



PPBA00 WHITE

PPBA01 NAVY

PPBA02 BLACK

PPBA05 RED

PPBB

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 5cm(W) x 0.5cm(H)



PPBB02 BLACK

PPBB14 PINK

PPBB24 GREY

PPBB67 SILVER

PPBB68 GOLD

PPBC

Ink : Black
Type : Bamboo Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 4cm(W) x 0.5cm(H)



PPBC00 NATURAL

PPBD

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 

max printing size : 6cm(W) x 0.5cm(H)



PPBD05 RED

PPBD07 ORANGE

PPBD08 ROYAL BLUE

PPBD23 GREEN

PPBE

Ink : Black
Type : Ball Pen
Weight : +/- 20g
Printing Method : 

max printing size : 6cm(W) x 0.5cm(H)



PPBE04 YELLOW

PPBE05 RED

PPBE23 GREEN

PPBE67 SILVER

PPBF

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

max printing size : 5cm(W) x 0.5cm(H)



PPBG

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 5cm(W) x 0.5cm(H)



PPBH

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

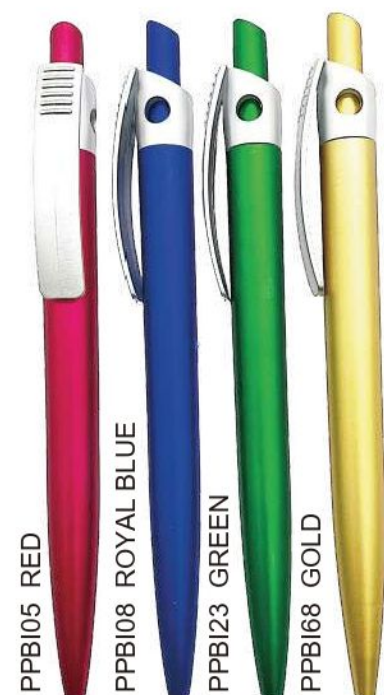
max printing size : 4cm(W) x 0.5cm(H)



PPBI

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  SG

max printing size : 6cm(W) x 0.5cm(H)



PPBJ

Ink : Black
Type : Ball Pen
Weight : +/- 20g
Printing Method :  SG

max printing size : 6cm(W) x 0.5cm(H)



PPBK

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  SG

max printing size : 6cm(W) x 0.5cm(H)



PPBL

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method : 



PPBM

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 



PPBN **NEW**

Ink : Black
Type : Ball Pen
Weight : +/- 18g
Printing Method : 



PPBO **NEW**

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method : 



**SLIM
POCKET SIZE**

9cm HEIGHT

PPBP **NEW**

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method : 



PPBQ **NEW**

Ink : Black
Type : Ball Pen
Weight : +/- 16g
Printing Method : 



PPBR NEW

Ink : Black
Type : Ball Pen
Weight : +/- 12g
Printing Method :  



PPBS NEW

Ink : Black
Type : Ball Pen
Weight : +/- 10g
Printing Method :  



PPBT NEW

Ink : Black
Type : Ball Pen
Weight : +/- 0g
Printing Method :  



PPBU NEW

Ink : Black
Type : Ball Pen
Weight : +/- 0g
Printing Method :  



PPBV NEW

Ink : Black
Type : Ball Pen
Weight : +/- 0g
Printing Method :  



PPBW NEW

Ink : Black
Type : Ball Pen
Weight : +/- 0g
Printing Method :  



METAL PEN

WRITE WITH PRECISION, SIGN WITH CONFIDENCE

Type : Ball Pen

Ink : Black

Printing Method :



SG



MP6202 BLACK

MP6203 BEIGE

MP6205 RED

MP6208 ROYAL BLUE

MP6224 GREY

BALL PEN
+/- 0g weight

MP62 **NEW** **STYLUS PEN**



MP6102 BLACK

MP6105 RED

MP6124 GREY

MP6128 SEA BLUE

BALL PEN
+/- 0g weight

MP61 **NEW** **STYLUS PEN**



MP6005 RED

MP6008 ROYAL BLUE

MP6024 GREY

MP6028 SEA BLUE

MP6072 ARMY GREEN

BALL PEN
+/- 0g weight

MP60 **NEW**



MP5900 WHITE

MP5902 BLACK

MP5905 RED

MP5907 ORANGE

MP5908 ROYAL BLUE

BALL PEN
+/- 50g weight

MP59 **NEW** **STYLUS PEN**

Type : Ball Pen / Roller Pen

Ink : Black

Printing Method :



SG

POCKET SIZE



MP5800 WHITE

MP5802 BLACK

MP5806 MAROON

MP5868 GOLD

BALL PEN
+/- 50g weight

SLIM SIZE 11.5cm(H)



MP5700 WHITE

MP5702 BLACK

MP5705 RED

MP5728 SEA BLUE

MP5768 GOLD

BALL PEN
+/- 50g weight

STYLUS PEN



MP5602 BLACK

MP5605 RED

MP5623 GREEN

ROLLER PEN
+/- 23g weight

STYLUS PEN

MP58 NEW

MP57 NEW

MP56 NEW



MP5502 BLACK

MP5508 ROYAL BLUE

MP5568 GOLD

ROLLER PEN
+/- 28g weight



MP5400 BLACK/SILVER

MP5402 BLACK/SILVER

BALL PEN
+/- 28g weight



MP5300 BLACK/GOLD

MP5302 BLACK/GOLD

BALL PEN
+/- 28g weight



MP5200 BLACK/ROSE GOLD

MP5202 BLACK/ROSE GOLD

BALL PEN
+/- 28g weight

MP55 NEW

MP54 NEW

MP53 NEW

MP52 NEW



MP5100 WHITE/ROSE GOLD

MP5102 WHITE/ROSE GOLD

BALL PEN
+/- 20g weight



MP5000 BLACK/ROSE GOLD

MP5002 BLACK/ROSE GOLD

BALL PEN
+/- 21g weight



MP4900 BLACK/SILVER

MP4902 BLACK/SILVER

BALL PEN
+/- 21g weight



MP4800 BLACK/GOLD

MP4802 BLACK/GOLD

BALL PEN
+/- 21g weight

MP51 NEW

MP50 NEW

MP49 NEW

MP48 NEW

Type : Ball Pen / Roller Pen

Ink : Black

Printing Method :    SG

MP4700 WHITE/ROSE GOLD



BALL PEN
+/- 32g weight

MP47 NEW

MP4702 WHITE/ROSE GOLD



ROLLER PEN
+/- 32g weight

MP4600 NAVY/ROSE GOLD



BALL PEN
+/- 32g weight

MP46 NEW

MP4602 NAVY/ROSE GOLD



ROLLER PEN
+/- 32g weight

MP4500 BLACK/ROSE GOLD



BALL PEN
+/- 32g weight

MP45 NEW

MP4502 BLACK/ROSE GOLD



ROLLER PEN
+/- 32g weight

MP4400 BLACK/SILVER



BALL PEN
+/- 32g weight

MP44 NEW

MP4402 BLACK/SILVER



ROLLER PEN
+/- 32g weight

MP4300 SILVER/SILVER



BALL PEN
+/- 22g weight

MP43 NEW

MP4302 SILVER/SILVER



ROLLER PEN
+/- 22g weight

MP4200 SILVER/ROSE GOLD



BALL PEN
+/- 22g weight

MP42 NEW

MP4202 SILVER/ROSE GOLD



ROLLER PEN
+/- 22g weight

MP4100 WHITE/ROSE GOLD



BALL PEN
+/- 22g weight

MP41 NEW

MP4102 WHITE/ROSE GOLD



ROLLER PEN
+/- 22g weight

MP4000 BLACK/ROSE GOLD



BALL PEN
+/- 22g weight

MP40 NEW

MP4002 BLACK/ROSE GOLD



ROLLER PEN
+/- 22g weight

MP3900 RED/SILVER



BALL PEN
+/- 22g weight

MP39 NEW

MP3902 RED/SILVER



ROLLER PEN
+/- 22g weight

MP3802 BLACK



ROLLER PEN
+/- 32g weight

MP38 NEW

MP3868 GOLD



ROLLER PEN
+/- 32g weight

MP3702 BLACK



BALL PEN
+/- 20g weight

MP37

MP3602 BLACK



BALL PEN
+/- 20g weight

MP36

MP3524 GREY



BALL PEN
+/- 20g weight

MP35

Type : Ball Pen / Roller Pen

Ink : Black

Printing Method :  FULL COLOR
UV PRINT  SILKSCREEN II  ENGRAVING  SG



BALL PEN
+/- 35g weight

MP34



BALL PEN ROLLER PEN
+/- 35g weight

MP33



BALL PEN ROLLER PEN
+/- 35g weight

MP32



BALL PEN ROLLER PEN
+/- 40g weight

MP31



BALL PEN ROLLER PEN
+/- 50g weight

MP28



BALL PEN
+/- 15g weight

MP29



BALL PEN
+/- 15g weight

MP30



BALL PEN ROLLER PEN
+/- 40g weight

MP27



BALL PEN ROLLER PEN
+/- 40g weight

MP26

Type : Ball Pen / Roller Pen

Ink : Black

Printing Method :    SG



MP0900 BLACK

MP0902 BLACK

BALL PEN **ROLLER PEN**
+/- 30g weight

MP09



MP1500 BLACK

MP1502 BLACK

BALL PEN **ROLLER PEN**
+/- 40g weight

MP15



MP1602 BLACK

MP1667 SILVER

BALL PEN
+/- 32g weight

MP16



MP2202 BLACK

MP2205 RED

MP2208 ROYAL BLUE

BALL PEN
+/- 32g weight

MP22



MP2400 WHITE

MP2402 BLACK

MP2408 ROYAL BLUE

MP2414 PINK

MP2430 PURPLE

BALL PEN
+/- 20g weight

MP24



MP2505 RED

MP2507 ORANGE

MP2508 ROYAL BLUE

MP2524 GREY

MP2567 SILVER

BALL PEN
+/- 20g weight

MP25

STATIONERY

ELEVATE YOUR WRITING EXPERIENCE

EC32 **NEW**

Description : 2B Pencil
Weight : +/- 8g
Printing Method :  

2B TRIANGLE PENCIL



EC3202
BLACK

EC38 **NEW**

Description : 2B Pencil
Weight : +/- 8g
Printing Method :  

2B TRIANGLE PENCIL



EC3800
NATURAL

EC28

Description : Eco Stationery
Weight : +/- 38g
Printing Method :  

5in1 SET ECO-FRIENDLY STATIONERY SET



EC2800
NATURAL

**1 PENCIL
1 BALL PEN
1 SHARPENER
1 ERASER
1 RULER**



EC12

Description : Color Pencil
Weight : +/- 52g
Printing Method :  

ECO-FRIENDLY COLOR PENCIL



EC1200
NATURAL

SA49 **NEW**

Description : Eraser
Weight : +/- 20g
Printing Method :  



SA4900
NATURAL

SA50 **NEW**

Description : Ruler 15cm
Weight : +/- 2g
Printing Method :  



SA5000
TRANSPARENT

SA51 **NEW**

Description : Sharpener
Weight : +/- 3g
Printing Method :  



SA5104
YELLOW

SA5113
LIME GREEN

SA5128
SEA BLUE

SA5107
ORANGE

SA5126
MAGENTA

HIGHLIGHTER

HIGHLIGHT WHAT MATTERS M



HL01

Description : Palm Highlighter
Dimension : 8cm(H) x 10cm(L)
Weight : +/- 53g
Printing Method :   SG

max printing size : 4cm(W) x 2cm(H)



HL0100

HL02

Description : Flower Highlighter
Dimension : 6.3cm(D)
Weight : +/- 49g
Printing Method :   SG

max printing size : 3cm(W) x 3cm(H)



HL0200

HL03

Description : Coral Highlighter
Dimension : 8cm(H) x 10cm(L)
Weight : +/- 39g
Printing Method :   SG

max printing size : 2cm(W) x 1cm(H)



HL0300

HL05

Description : Highlighter & Ball Pen
Dimension : 5cm(H) x 13cm(L)
Weight : +/- 55g
Printing Method :   SG

max printing size : 7cm(W) x 2cm(H)



HL0500

HL06 NEW

Description : Flower Highlighter
Dimension : 10cm(D)
Weight : +/- 0g
Printing Method :   SG

max printing size : 2.5cm(W) x 2.5cm(H)



HL0600

HL07 NEW

Description : Paws Highlighter
Dimension : 11cm(D)
Weight : +/- 0g
Printing Method :   SG

HL0700
WHITE

HL0724
GREY



WOODEN PEN STAND

TIMELESS WOOD, MODERN ORGANIZATION



PS15 NEW

Material : Wooden
Dimension : 9cm(W) x 10cm(H)
Printing Method :  FULL COLOR  SG

max printing size : 3cm(W) x 8cm(H)



PS1500
NATURAL

PS16 NEW

Material : Wooden
Dimension : 26cm(D)
Printing Method :  FULL COLOR  SG

max printing size : 6cm(W) x 8cm(H)



PS1600
NATURAL

PS17 NEW

Material : Wooden
Dimension : 8cm(W) x 9.5cm(H)
Printing Method :  FULL COLOR  SG

max printing size : 6cm(W) x 8cm(H)



PS1700
NATURAL

PS18 NEW

Material : Wooden
Dimension : 8cm(W) x 12.5cm(H)
Printing Method :  FULL COLOR  SG

max printing size : 5cm(W) x 5cm(H)



PS1807
ORANGE

PS1813
LIME GREEN

PS1821
BROWN

PS1828
SEA BLUE

PEN STAND

PROFESSIONAL DESK, PERFECTLY ORGANIZED



PS06

Material : Plastic
Dimension : 8.2cm(L) x 8.2cm(D) x 10.2cm(H)
Weight : +/- 200g
Printing Method :   SG

max printing size : 5cm(W) x 8cm(H)



PS0613
LIME GREEN

PS0614
PINK

PS0628
SEA BLUE

PS07

Material : Plastic
Dimension : 7.5cm(D)
Weight : +/- 130g
Printing Method :   SG

max printing size : 7cm(W) x 7cm(H)



PS0705
RED

PS0726
MAGENTA

PS0728
SEA BLUE

PS08

Material : Plastic
Dimension : 8.2cm(D)
Weight : +/- 180g
Printing Method :   SG

max printing size : 6cm(W) x 7cm(H)



PS0807
ORANGE

PS0813
LIME GREEN

PS0828
SEA BLUE

PS14

Material : Plastic
Dimension : 6.5cm(D)
Weight : +/- 73g
Printing Method :   SG

max printing size : 2.5cm(W) x 3cm(H)



PS1405
RED

PS1428
SEA BLUE

PS1430
PURPLE