



Added product photos,changed tube diameter from 59 to 60mm/38 to40mm 12/12/2015
Tube material from steel to Galvanized tube 12/21/2015

Product Specification

Updated on 2016-09-19

Updated on 2017-02-13

Updated on 2017-03-23

Updated on 2017-12-20

Updated on 2018-01-12

Updated on 2018-10-26

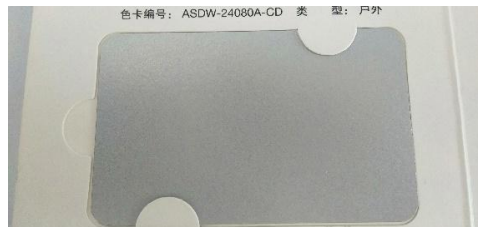
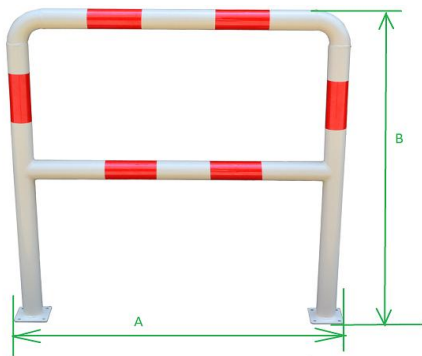


Vendor Part Number	Manutan Product Code	Product photos	Item Description + Colour	Product Dimension: L=A H=B	Tube Diameter (mm)	Weight (kgs)	Powder coating	Reflective paper
MNTG515	A194322		Metal barrier , 1000*1000mm, tube Dia.38mm,thickness 1.2mm,red/white	L1000 x W100 x H1000mm	Ø38	5.2	Ral 9010	Ral 3020
MNTG514	A194323		Metal barrier , 1000*1000mm, tube Dia.38mm,thickness 1.2mm,black/yellow	L1000 x W100 x H1000mm	Ø38	5.2	Ral 1018	Ral 9005
MNTG513	A194324		Metal barrier , 1000*1000mm, tube Dia.38mm,thickness 1.2mm,yellow	L1000 x W100 x H1000mm	Ø38	5.2	Ral 1018	N/A
MNTG519	A194329		Metal barrier , 1500*1000mm, tube Dia.38mm,thickness 1.2mm,red/white	L1500 x W100 x H1000mm	Ø38	6.4	Ral 9010	Ral 3020
MNTG518	A194319		Metal barrier , 1500*1000mm, tube Dia.38mm,thickness 1.2mm,black/yellow	L1500 x W100 x H1000mm	Ø38	6.4	Ral 1018	Ral 9005
MNTG517	A194310		Metal barrier , 1500*1000mm, tube Dia.38mm,thickness 1.2mm,yellow	L1500 x W100 x H1000mm	Ø38	6.4	Ral 1018	N/A
MNTG523	A194314		Metal barrier , 2000*1000mm, tube Dia.38mm,thickness 1.2mm,red/white	L2000 x W100 x H1000mm	Ø38	7.4	Ral 9010	Ral 3020
MNTG522	A194315		Metal barrier , 2000*1000mm, tube Dia.38mm,thickness 1.2mm,black/yellow	L2000 x W100 x H1000mm	Ø38	7.4	Ral 1018	Ral 9005
MNTG521	A194316		Metal barrier , 2000*1000mm, tube Dia.38mm,thickness 1.2mm,yellow	L2000 x W100 x H1000mm	Ø38	7.4	Ral 1018	N/A
MNTG527	A194318		Metal barrier , 1000*1000mm, tube Dia.60mm,thickness 1.2mm,red/white	L1000 x W100 x H1000mm	Ø60	7.3	Ral 9010	Ral 3020

MNTG526	A194338		Metal barrier , 1000*1000mm, tube Dia.60mm,thickness 1.2mm,black/yellow	L1000 x W100 x H1000mm	Ø60	7.3	Ral 1018	Ral 9005
MNTG525	A194312		Metal barrier , 1000*1000mm, tube Dia.60mm,thickness 1.2mm,yellow	L1000 x W100 x H1000mm	Ø60	7.3	Ral 1018	N/A
MNTG531	A194346		Metal barrier , 2000*1000mm, tube Dia.60mm,thickness 1.2mm,red/white	L2000 x W100 x H1000mm	Ø60	10.5	Ral 9010	Ral 3020
MNTG530	A194347		Metal barrier , 2000*1000mm, tube Dia.60mm,thickness 1.2mm,black/yellow	L2000 x W100 x H1000mm	Ø60	10.5	Ral 1018	Ral 9005
MNTG529	A194348		Metal barrier , 2000*1000mm, tube Dia.60mm,thickness 1.2mm,yellow	L2000 x W100 x H1000mm	Ø60	10.5	Ral 1018	N/A
TSMC533	A127157		Metal barrier , 1000*1200mm, tube Dia.60mm,thickness 1.2mm,red/white	L1000 x W100 x H1200mm	Ø60	7.9	Ral 9010	Ral 3020
TSMC534	A127158		Metal barrier , 1000*1200mm, tube Dia.60mm,thickness 1.2mm,black/yellow	L1000 x W100 x H1200mm	Ø60	7.9	Ral 1018	Ral 9005
TSMC535	A127159		Metal barrier , 1000*1200mm, tube Dia.60mm,thickness 1.2mm,yellow	L1000 x W100 x H1200mm	Ø60	7.9	Ral 1018	N/A
TSMC537	A127161		Metal barrier , 2000*1200mm, tube Dia.60mm,thickness 1.2mm,red/white	L1000 x W100 x H1200mm	Ø60	11.2	Ral 9010	Ral 3020
TSMC538	A127162		Metal barrier , 2000*1200mm, tube Dia.60mm,thickness 1.2mm,black/yellow	L2000 x W100 x H1200mm	Ø60	11.2	Ral 1018	Ral 9005
TSMC539	A127163		Metal barrier , 2000*1200mm, tube Dia.60mm,thickness 1.2mm,yellow	L2000 x W100 x H1200mm	Ø60	11.2	Ral 1018	N/A
MNTG516	A194321		Metal barrier , 1000*1000mm, tube Dia.38mm,thickness 1.2mm,powder Coating	L1000 x W100 x H1000mm	Ø38	5	color No. ASDW- 24080-CD	N/A
MNTG520	A194317		Metal barrier , 1500*1000mm, tube Dia.38mm,thickness 1.2mm,powder Coating	L1500 x W100 x H1000mm	Ø38	6.2	color No. ASDW- 24080-CD	N/A
MNTG524	A194313		Metal barrier , 2000*1000mm, tube Dia.38mm,thickness 1.2mm, powder Coating	L2000 x W100 x H1000mm	Ø38	7.2	color No. ASDW- 24080-CD	N/A
MNTG528	A194320		Metal barrier , 1000*1000mm, tube Dia.60mm,thickness 1.2mm,powder Coating	L1000 x W100 x H1000mm	Ø60	7.1	color No. ASDW- 24080-CD	N/A
TSMC532	A194345		Metal barrier , 2000*1000mm, tube Dia.60mm,thickness 1.2mm,powder Coating	L2000 x W100 x H1000mm	Ø60	10.3	color No. ASDW- 24080-CD	N/A

Length="A"

Height="B"



color swatch

Key Parts Specification:

Tube

Material: Galvanized tube
 Dimension: Ø38/ Ø60mm x T1.2mm
 Finish: Powder coating should be thicker than 50µm



Reflective paper



Width 150mm
 Quantity 6/8/10 pcs evenly spaced on the cross bar and side bar as shown in the photo

Fixing Plate

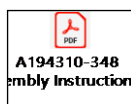
Material: Steel
 Dimension: L 100xW100xT5mm
 Dimension of assembly hole: 4 X Ø10mm
 Finish: Powder coating (should be thicker than 50µm)



Screw kit

For item A194324,A194323,A194338,A194347,A194315,A194316,A194319,A194310,A194312,A194318,A194322,A194348,A194314,A194329,A194346,A194320,A194321,A194317, added 8pcs screws for assembly.

Assembly guide



Key Factors

- 1)The dimension of the barriers should be consistent,tolerance is $\pm 8\text{mm}$
- 2)The position of the fixing plate should be consistent and same for any models.
- 3) Intermediate bar: The center line of the intermediate bar should be 500mm from the floor.(for barriers with overall height of 1m and 1.2m)



- 4)Reflective paper on the both the top bar and intermediate bar

5)UV protection test for 180 hours/ Grey scale class 4, salt spray test 240hours no rust found

6)cross cutting with scotch tape test

7) welding: below defects can't be accept



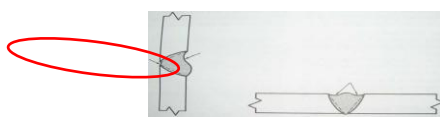
Spatter



Gas pore



Undercut



Cavities

8) Maximum pallet height is 2.25m for all barriers.

9). No poly-putty base used for welding.
