6 | BOTTOM AND MATERIALS

The availability of a very diverse range of materials within orthopedic shoe technology, is not unknown to you. The materials we use and the specifications they have, are explained in this chapter. The materials have been selected by our quality managers and subjected to various tests. In this way, the end user only gets the best materials and the technician has an insight into the complete range of welts, edges, soles, plate sole materials and accessories.

6.1 | EDGES

RUBBER SPORTBAND

Thickness Edges: 2,2 mm
Shore of Edges: 60 +/- 5
(493, 494 have a shore of: 55 +/- 5)

485 Sport Band
Colour codes:
010 until 019

486 Sport Band
Colour codes:
010 / 011 / 012

487 Rubber Car Tire Pattern
Colour codes:
011 / 012

490 Plain Rubber / 493 Plain EVA
Colour codes 490:
010 until 019
Colour codes 493:
010 / 011 / 012 / 014 / 016 / 017

491 Grain Rubber / 494 Grain EVA
Colour codes 491:
010 until 019
Colour codes 494:
010 / 011 / 012 / 016 / 017

492 Fine Grain (Diamond) Rubber
Colour codes:
010 / 011 / 012 / 014 / 015 / 016 /
017 / 019

495 Coloured Line
White base with line in:
black / blue / red / white
Black base with line in:
black / white

COLOUR CODES

010 White
011 Black
012 Brown
013 Blue
014 Taupe
015 Mid Brown
016 Grey
017 Beige
018 Sand
019 Ice

6.2 | WELTS

RUBBER WELTS

400 Coarse perforated
Colour codes: 010 / 011 / 012 / 015 / 017 / 019

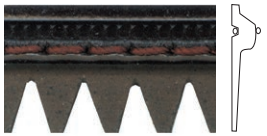
405 Fine perforated
Colour codes: 010 / 011 / 012 / 015

410 Fine perforated with roll
Colour codes: 010 / 011 / 012 / 015 / 016 / 017 / 018 /019

415 Scalloped roll
Colour codes: 010 / 011 / 012 / 015 / 016 / 017 / 019

420 Fine stitch with scalloped roll
Colour codes: 011 / 015 / 016 / 018

425 Fine stitch with roll
Colour codes: 011 / 012 / 015 / 016 / 017 / 018 / 019



430 Coarse stitch with fine perforation
Colour codes: 010 / 011 / 012 / 015 / 016 / 018

435 Double stitch
Colour codes: 011 / 012 / 015

436 Coarse perforated with scalloped roll
Colour codes: 011 / 012

437 Coarse with yellow stitch
Colour codes: 011 / 012

438 Flexible glue
Colour codes: 011 / 012 / 015

450 Rubber edge with roll (high)
Colour codes: 011 / 012

RUBBER WELTS

455 Rubber edge with roll (low)
Colour codes: 010 / 011 / 012 / 015 / 016

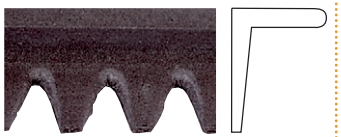
460 Rubber edge with roll and lacework
Colour codes: 011 / 012

EVA WELTS

440 EVA edge with roll and lacework
Colour codes: 010 until 019

445 EVA edge with roll
Colour codes: 010 until 019

461 EVA edge with medium high roll
Colour codes: 010 / 011 / 012 / 013 / 014 / 016 / 017 / 019



462 EVA edge with extra high roll
Colour codes: 010 / 011 / 012 / 013 / 014 / 016 / 017 / 019

LEATHER EDGE STITCH THROUGH MIDSOLE

465 Flexible leather edge
Colour codes: 011 / 012 / 015

470 Flexible leather edge pure perforated
Colour codes: 011 / 012

475 Flexible leather edge with roll
Colour codes: 011 / 012 / 015 + natural

480 Flexible leather edge with scalloped roll
Colour codes: 011 / 012

LEATHER WELTS

481
Colour codes: 011 / 012 / 018 + natural

482
Colour codes: natural

6.3 | SOLES

VIBRAM SOLES

Colours: 011 / 012
Material: Expanded Rubber
Shore Value: 47 +/- 3

2600
Size: **37 until 49**
Sole Thickness: 8 mm
Heel Height: 10 mm
Density: 0,507

2603 + 2604
Size: **39 until 47**
Sole Thickness: 13 mm
Heel Thickness: 22 mm
Density: 0,358
(Separate add-on heel)

2640
Size: **37 until 46**
Sole Thickness: 8,9 mm
Heel Height: 10 mm
Density: 0,462

2644
Size: **36 until 46**
Sole Thickness: 6 mm
Density: 0,442

2655
Size: **36 until 46**
Sole Thickness: 7 mm
Heel Thickness: 10 mm
Density: 0,400
(Separate add-on heel)

528 (only in colour 011)
Size: **39 until 47**
Shore Value: 51 +/- 4
Sole Thickness: 10.5 mm
Heel Height: 15 mm
Density: 0,361

COLOUR CODES

010 White
011 Black
012 Brown
013 Blue
014 Taupe
015 Mid Brown
016 Grey
017 Beige
018 Sand
019 Ice

CYS CASUAL SOLES

Colours: 011 / 012
Size: 39 until 47
Material: Expanded Rubber
Shore Value: 55 +/- 3

540
Sole Thickness: 7 mm
Density: 0,471
(For wedge heels)

545
Sole Thickness: 7 mm
Heel Thickness: 12 mm
Density: 0,471
(Separate add-on heel)

610
Sole Thickness: 6 + 8 mm
Density: 0,406
(For wedge heels)

CYS EXTRA GRIP SOLES

Colours: 011 / 012 / 015
Size: 39 t/m 47
Material: Rubber
Shore Value: 70+/-3

505
Sole Thickness: 8 mm
Density: 0,676
Heavy

550*
Sole Thickness: 8 mm
Heel Thickness: 7 mm
Density: 0,873
Heavy
(Separate add-on heel)

** 011 Available in oil and acid resistant.*

605*
Sole Thickness: 8 mm
Heel Height: 15 mm
Density: 0,723
Heavy

** Available in oil and acid resistant. Anti static in colour black.*

CYS SPORTIVE SOLES

Size: 39 until 47
Material: Rubber
Shore Value: 70 +/- 3

555
Colours: 010 / 011 / 012
Sole Thickness: 6 mm
Density: 0,865

560
Colours: 011 / 012
Sole Thickness: 6 mm
Density: 0,694

585
Colours: 010 / 011 / 012 / 016
Sole Thickness: 6 mm
Density: 0,532

590
Colours: 011
Sole Thickness: 7 mm
Heel Thickness: 14 mm
Density: 0,429
⚠ Heavy
(Separate add-on heel)

CYS KIDS SOLES

Colours: 011 / 012
Size: 32 until 35
Material: Expanded Rubber
Shore Value: 55 +/- 3
Sole Thickness: 8 mm
Heel Height: 15 mm

600
Colours: 011 / 012
Sole Thickness: 8 mm
Heel Height: 15 mm
Density: 0,595

COLOUR CODES

010 White
011 Black
012 Brown
013 Blue
014 Taupe
015 Mid Brown
016 Grey
017 Beige
018 Sand
019 Ice

CYS WORK SHOE SOLES

Colours: 011
Note: Oil / acid resistant
and anti static

510
Size: 39 until 48
Material: Rubber
Shore: 75 +/- 3
Sole Thickness: 7 mm
Heel Height: 5 mm
Density: 0,788
Heavy

515
Size: 39 until 48
Material: PU
Shore: 50 +/- 3
Sole Thickness: 9 mm
Density: 0,397

520
Size: 39 until 48
Material: PU
Shore: 50 +/- 3
Sole Thickness: 8 mm
Heel Height: 18 mm
Density: 0,473

596
Size: 39 until 47
Material: Rubber+EVA inserts
Shore: 60 +/- 3
Sole Thickness: 15 mm
Heel Height: 15 mm
Density: 0,447
Heavy

CYS WOMEN SOLES

FOR WOODEN HEEL

Size: 36 until 42
Shore Value: 90 +/- 3
Sole Thickness: 3 mm

615
Colour: 011
Density: 1,118

616
Colour: 012
Density: 1,118

617
Colour: 018
Density: 1,118

PHASED OUT, AVAILABLE
UNTIL STOCK RUNS OUT

6.4 | PLATE SOLE MATERIAL

VIBRAM EXPANDED RUBBER

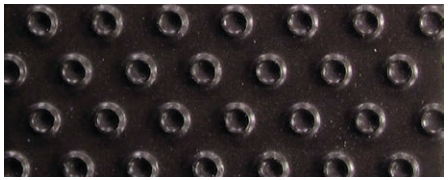
Colours: 011/ 012

8316 Mandorlo
Shore: 40 +/- 5
Sole Thickness: 6 + 8 mm
Colour: 010 / 013 / 014 / 019; only in CYS sole 225 and thickness of 6 mm
Density: 0,270

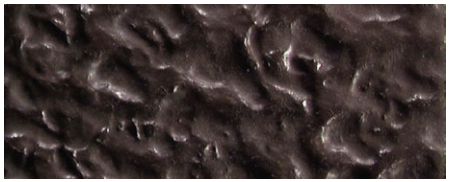
8870 New Flex
Shore: 51 +/- 4
Sole Thickness: 5 + 8 mm
Density: 0,411

CYS EVA

Colours: 010 until 019
Sole Thickness: 6 + 8 mm



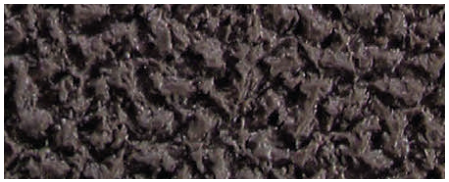
200 Nop-Air
Shore: 55 +/- 5
Density: 0,279



205 Lunalux
Shore: 60 +/- 5
Density: 0,352

CYS EXPANDED RUBBER

Shore: 60 +/- 5



210 Crepe Light
Colours: 011 / 012
Sole Thickness: 4 + 6 mm
Density: 0,397

220 Nora Astro-Star
Colours: 010 until 017 / 019
Sole Thickness: 4 + 6 mm
Density: 0,541

COLOUR CODES

010 White
011 Black
012 Brown
013 Blue
014 Taupe
015 Mid Brown
016 Grey
017 Beige
018 Sand
019 Ice

CYS RUBBER

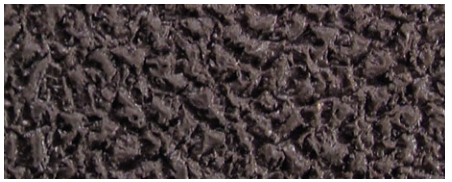
215 Rubber Elastic
Colours: 010 until 019
Sole Thickness: 4 + 6 mm
Shore: 65 +/- 5
Density: 0,712

227 Nora Coarse-Wave
Colours: 010 / 011 / 012
Sole Thickness: 4 + 6 mm
Shore: 70 +/- 3
Density: 0,793

228 Car Tire profile
Colours: 011 / 012 / 015
Sole Thickness: 5,5 mm
Shore: 70 +/- 3
Density: 0,787

230 Control FB
Colours: 011 Nora / 012 CYS (thickness 6,5 mm)
Sole Thickness: 6,5 mm
Shore: 65 +/- 3
Density: 0,782

** Oil and acid resistant and anti static.*



236 Crepe Hard
Colours: 010 until 019
Sole Thickness: 2+ 4 + 6 mm
Shore: 65 +/- 3
Density: 0,928
Heavy

CYS NYLON RUBBER HEEL

Shore: 90 +/- 3
Sole Thickness: 1,8 mm + 6 mm
Colours: 011 / 012 / 015

237
Density: 0,973
Heavy

CYS LEATHER SOLE

Colours: Natural
Sole Thickness women: 3,5 - 4 mm
Sole Thickness men: 4,5 - 5 mm
Shore: 95 +/- 3

240
Density: 0,793

COLOUR CODES

010 White
011 Black
012 Brown
013 Blue
014 Taupe
015 Mid Brown
016 Grey
017 Beige
018 Sand
019 Ice

6.5 | ACCESSORIES

LACES ACCESSORIES

EYELETS

001 / 002 / 005
Colour Codes:
A until E
Ø 4 mm / 5 mm / 6 mm

003
Colour Codes:
A until E

004
Colour Codes:
A until E

006
Colour Codes:
A until E

010 / 011
Colour Codes:
A until E
Ø 8 mm / 10 mm

HOOKS

013
Colour Codes:
A until E

014
Colour Codes:
A until E
Nickel free

015
Colour Codes:
A until E
Nickel free

017 Big
Colour Codes:
A until E

018
Colour Codes:
A until E

021
Colours:
Black, brown, white, d. blue

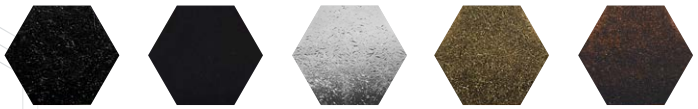
091
Colour Codes:
A until E
Nickel free

095
Colour Codes:
A until E
Nickel free

096
Colour Codes:
A until E
Nickel free

099
Colour Codes:
A until E
Nickel free

COLOUR CODES



A Gun metal
B Black
C Silver/nickel
D Antique
E Red copper

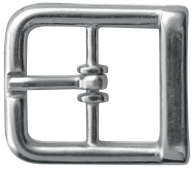
VELCRO BUCKLES

019 Roller Buckle
Colour Codes and Sizes:
A until E: 15 / 20 / 25 /
30 mm. A / C: 40 / 50 mm

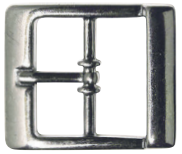
022 Nylon Buckle
Colours and Sizes:
Black, brown, beige, blue, white:
20 / 25 + 30 mm

023 Loop Shape ring
Colour Codes:
A until E: 20,5 / 25 / 30 mm

DECORATION BUCKLES



036
Colour Codes and Sizes:
A until E: 15 / 20 / 25 mm



037
Colour Codes and Sizes:
A until E: 15 / 20 / 25 / 30 mm

043
Colour Codes and Sizes:
A / C / D: 16 / 20 / 25 mm

045
Colour Codes and Sizes:
A / C / D: 16 / 20 / 25 mm

DECORATION ACCESSORIES

STUDS / DECORATION

100
Colour:
Silver, gold

101
Colour:
Silver, gold

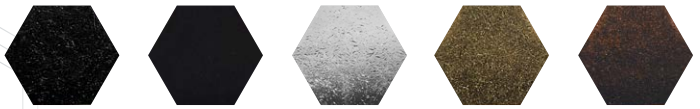
106
Colour:
Silver, gold

108
Colour:
Silver
Sizes:
12 mm / 9 mm / 6 mm / 5 mm / 2 mm

109
Colour:
Silver
Sizes:
10 mm / 7 mm / 5 mm

105
Colour:
Silver
Sizes:
20 mm / 15 mm / 10 mm / 6 mm

COLOUR CODES



A Gun metal
B Black
C Silver/nickel
D Antique
E Red copper

PUSH BUTTON

056 / 057

056:
Ø 12 mm
Colour Codes: A / C / D

057:
Ø 14 mm
Colour Codes: A / D

ONE HAND CLOSURE

055
Colour Codes: A / C