



Balance Weave Straight Wire SPECIFICATIONS

CONSTRUCTION

This design is identical to the balance weave with the exception of a straight rather than a crimped wire connector.

IDENTIFICATION

Example — BS - 48 - 47 - 14

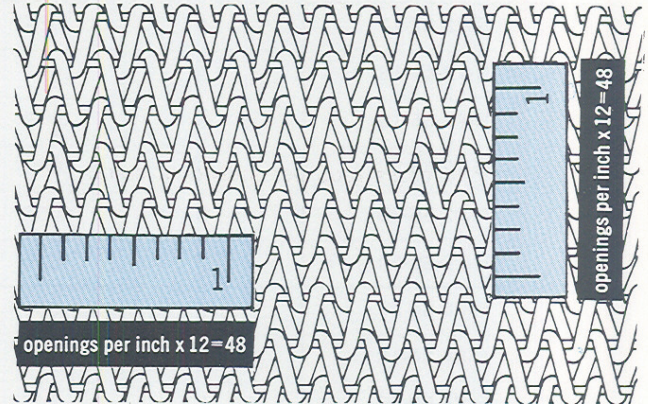
BS = Balance Weave Construction—Straight Wire

48 = Number of openings per foot of width.

47 = Number of straight connecting rods per foot of length

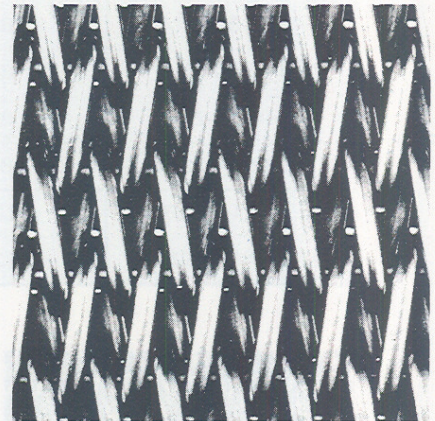
14 = Wire Diameter (.080" Dia.)

By using a straight rather than a crimp wire connector, the angle of the weave can be changed to provide a closer mesh. The closer mesh provides a smoother carrying surface and at the same time permits the handling of smaller products.

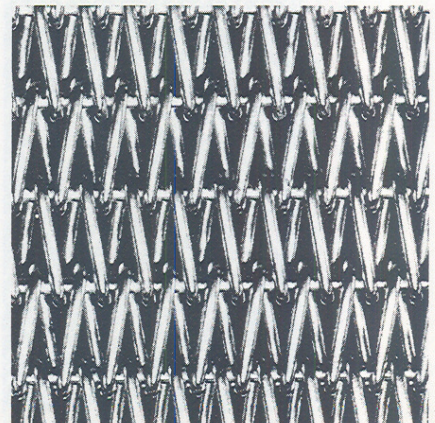


In cold working applications only, this belt is considered slightly stronger than the balance weave crimp wire construction. It is readily adaptable for use as sling fabric.

MESH DESIGNATION	APPROX. MESH	WIRE DIA.	APPROX. OPENING	C.S.A.	WEIGHT SQ. FT.
BS-30-10-8/10	3	.162 .135	.27 x 1.04	.859	4.60
BS-35-21-6/10	3	.192 .135	.21 x .33	1.000	9.04
BS-39-22-9/12	3	.148 .105	.20 x .44	.682	5.00
BS-42-10-10/12	3½	.135 .105	.18 x .87	.734	4.00
BS-42-20-10/12	3½	.135 .105	.18 x .47	.734	5.15
BS-43-30-10/12	3½	.135 .105	.17 x .37	.752	6.25
BS-48-12-10/12	4	.135 .105	.15 x .87	.839	4.50
BS-48-26-12/14	4	.105 .080	.17 x .36	.483	3.29
BS-48-47-14	4	.105 .080	.17 x .17	.483	4.25
BS-50-24-12/14	4	.105 .080	.16 x .40	.503	3.90
BS-59-38-14	5	.080	.12 x .24	.593	4.50
BS-60-38-14	5	.080	.12 x .24	.603	4.55
BS-69-60-14/16	6	.080 .063	.10 x .12	.423	4.38
BS-72-70-13/16	6	.092 .063	.10 x .08	.442	5.24
BS-72-75-14/18	6	.080 .047	.12 x .08	.255	3.23
BS-144-96-20/22	12	.035 .0286	.05 x .09	.185	1.63
BS-144-105-20/22	12	.035 .0286	.05 x .08	.185	1.69



BS-35-21-6/10



BS-50-24-12/14

Chevron Weave SPECIFICATIONS



CONSTRUCTION

Consists of an assembly of right and left hand spirals joined alternately in a tight nesting manner with a straight or crimped wire connector.

IDENTIFICATION

Example — CW - 4 - 76 - 144 - 20/21

CW = Chevron weave construction

4 = Number of cross rods per individual spiral

76 = Number of loops per spiral per foot of width

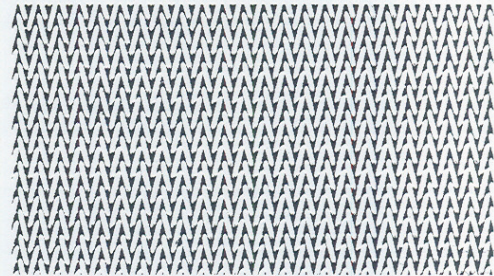
144 = Number of cross rods per foot of length

20 = Wire Diameter of Cross Rod (.035" Dia.)

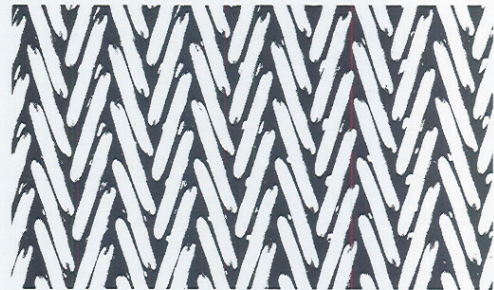
21 = Wire Diameter of Spiral (.032" Dia.)

Because of the tightly nested manner in which the spirals are connected, this construction provides a dense smooth surface as well as the smallest opening obtainable in a wire mesh belt. The chevron weave design will provide a true running belt with minimum longitudinal stretch and width contractions.

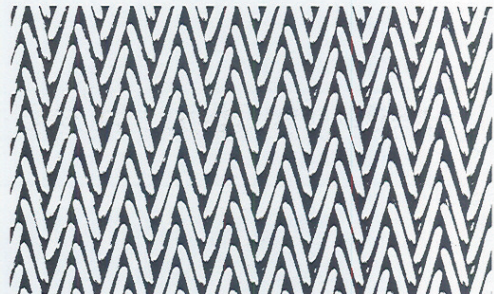
MESH DESIGNATION	WIRE DIA.	APPROX. OPENING	WEIGHT SQ. FT.
CW-3-SPECS			
42-62-14	.080	.063	6.00
48-94-16	.063	.054	4.60
60-96-17	.054	.041	4.15
69-120-18	.047	.041	3.85
72-114-19/18	.041 .047	.041	3.50
84-144-19/20	.041 .035	.035	2.65
96-144-19/20	.041 .035	.035	2.85
114-192-22	.0286	.025	2.11
CW-4-SPECS			
24-59-12	.105	.094	8.90
26-60-13	.092	.094	6.60
28-72-14	.080	.063	5.80
40-73-14/16	.080 .067	.063	5.32
45-108-18	.047	.047	3.13
56-132-19	.041	.031	3.10
56-132-19F	.041 .041 x .035	.031	2.90
76-144-20/21	.035 .032	.031	2.30
82-157-20/23	.035 .0258	.031	2.00
123-354-28	.016	.016	1.20
CW-5-SPECS			
33-82-14/16	.080 .063	.044	5.10
33-82-14/16F	.080 .063 x .047	.044	4.50



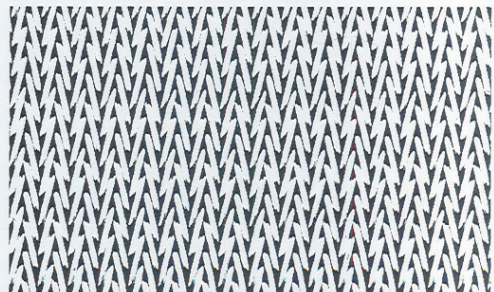
CW-3-114-192-22



CW-4-28-72-14



CW-4-45-108-18

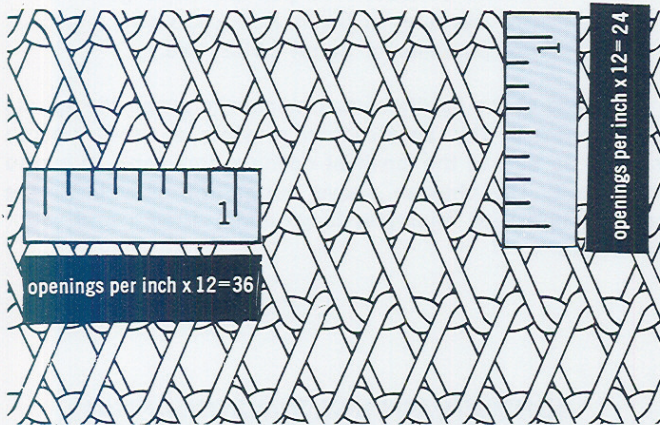


CW-4-76-144-20/21



Double Balance Weave

SPECIFICATIONS



CONSTRUCTION

Consists of pairs of right and left hand spirals joined together by means of a straight or crimped connector.

IDENTIFICATION

Example — DB - 36 - 24 - 12 / 13

DB = Double Balance Construction

36 = Number openings per foot of width

24 = Number of connecting rods (Crimp or Straight) per foot of length

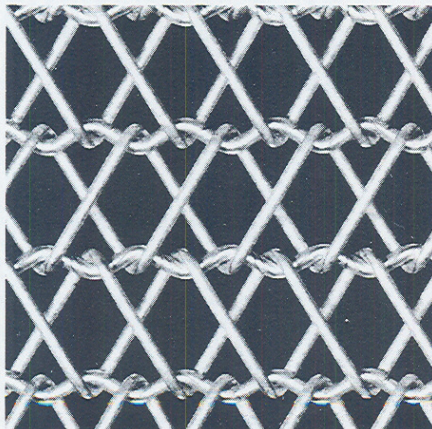
12 = Wire Diameter (.105") of the crimped connecting rod

13 = Wire Diameter (.092") of spiral.

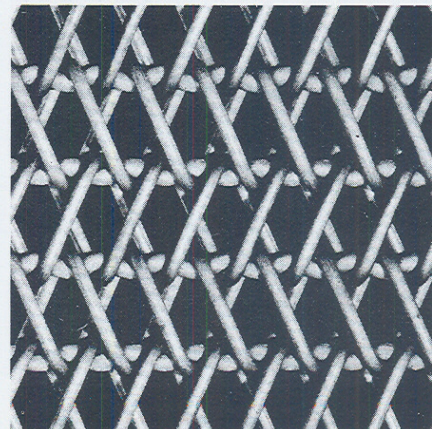
By connecting pairs of right and left hand spirals the angle of the weave is increased. The result is the most effective opening obtainable in a wire belt. This design is ideally suited for use in those applications where the maximum circulation of air or liquid is required. It is recommended for some high temperature work.

MESH DESIGNATION	APPROX. MESH	WIRE DIA.	APPROX. OPENING	C.S.A.	WEIGHT SQ. FT.
DB-8-6-10	1 1/4	.135	.365 x 1.865	.229	1.74
DB-15-16-10	7/8	.135	.665 x .615	.429	3.72
DB-18-11-8/9*	3/4	.162 .148	.519 x .829	.620	3.65
DB-18-10-9/10*	3/4	.148 .135	.532 x 1.052	.510	3.20
DB-21-12-6/8	1/2	.192 .162	.409 x .808	.870	6.25
DB-24-18-13/15*	1/2	.092 .072	.428 x .575	.200	1.50
DB-36-18-12*	3	.105	.228 x .562	.629	4.40
DB-36-24-12/13*	3	.105 .092	.241 x .395	.480	3.55
DB-36-24-13/16*	3	.092 .063	.270 x .408	.220	1.85
DB-36-24-14/16*	3	.080 .063	.270 x .410	.220	1.80
DB-39-21-10/12	3	.135 .105	.203 x .436	.680	5.20
DB-46-20-11/13	4	.120 .092	.169 x .480	.610	4.50

* = Crimp



DB-24-18-13/15



DB-36-24-12/13