

Signal S80 Continuous Chain
Spiral zip (#8) with retro-reflective bands





Signal S80 CC

Dimensions (approx.)

Chain width:	8 mm
Chain thickness:	2,3 mm
Single tape widths:	17/19 mm

Features

Woven polyester tape with retroreflective bands



Quality

Lateral strength	> 832 N
Lateral strength after reciprocation	> 749 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 5 N

(The quality data represent minimum performance levels)

Fastness

		Change	Staining
Washing 40° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	34
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		34
Rubbing dry	(ISO 105-X12)		4
	Water Dry-cleaning Light Rubbing wet	Water (ISO 105-E01) Dry-cleaning (ISO 105-D01) Light (ISO 105-B02) Rubbing wet (ISO 105-X12)	Washing 40° C (ISO 105-C06) 4 Water (ISO 105-E01) 4 Dry-cleaning (ISO 105-D01) 4 Light (ISO 105-B02) 5 Rubbing wet (ISO 105-X12)

(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)

Standards

EN 16732 - class C	CPSIA HR4040;
BS 3084:2006;	F963;
DIN 3416 – 19;	EN71;
Oeko-Tex 100 Class 1;	QM System according BS EN ISO 9001:2008



Signal S80 Closed End Spiral zip (#8) with retro-reflective bands





Signal S80 CE

Dimensions (approx.)

Chain width:	8 mm
Chain thickness:	2,3 mm
Single tape widths:	17/19 mm
Length of tape ends:	top: 30±2 mm
	bottom:30±2mm

Features

Main uses Sportswear Work wear Leather goods Outdoor goods

Luggage

Woven polyester tape with retroreflective bands

Slider body out of die casted zinc, puller out of zinc

Top stops and bottom stop - metal



Quality

Lateral strength	> 832 N
Lateral strength after reciprocation	> 749 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 5 N
Puller pull off strength	> 294 N
Slider locking strength	> 78 N
Slider over top stops	> 147 N
Lateral strength of bottom stop	> 140 N
Slider against bottom stop	> 176 N

(The quality data represent minimum performance levels)

Fastness

		Change	Staining	
Washing 40° C	(ISO 105-C06)	4	4	
Water	(ISO 105-E01)	4	4	
Dry-cleaning	(ISO 105-D01)	4	34	
Light	(ISO 105-B02)	5		
Rubbing wet	(ISO 105-X12)		34	
Rubbing dry	(ISO 105-X12)		4	
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(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)

Standards

EN 16732 – class C	CPSIA HR4040;
BS 3084:2006;	F963;
DIN 3416 – 19;	EN71;
Oeko-Tex 100 Class 1;	QM System according BS EN ISO 9001:2008



Signal S80 Open End Spiral zip (#8) with retro-reflective bands





Signal S80 OE

Dimensions (approx.)

Chain width:	8 mm
Chain thickness:	2,3 mm
Single tape widths:	17/19 mm
Length of tape ends:	top: 30±2 mm

Woven polyester tape with retro-

Slider body out of die casted zinc;

Top stops and bottom stops - metal



Quality

Lateral strength	> 832 N
Lateral strength after reciprocation	> 749 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 5 N
Puller pull off strength	> 294 N
Slider locking strength	> 78 N
Slider over top stops	> 147 N
Lateral strength of open end	> 176 N
Box pull off strength	> 147 N

(The quality data represent minimum performance levels)

Fastness

		Change	Staining
Washing 60° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	34
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		34
Rubbing dry	(ISO 105-X12)		4

(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)

Standards

EN 16732 - class D	CPSIA HR4040;
BS 3084:2006;	F963;
DIN 3416 – 19;	EN71;
Oeko-Tex 100 Class 1;	QM System according BS EN ISO 9001:2008

Features

Main uses Sportswear Work wear Sleeping bags Outdoor goods

reflective bands

puller out of zinc









S80 TWOE

Dimensions (approx.)

Chain width:	8 mm
Chain thickness:	2,3 mm
Single tape widths:	17/19 mm
Length of tape ends:	top: 30±2 mm

Woven polyester tape with retro-

Slider body out of die casted zinc;

Top stops and bottom stops - metal



Quality

> 832 N
> 749 N
> 3000 cycles
< 5 N
> 294 N
> 78 N
> 147 N
> 147 N
> 120 N

(The quality data represent minimum performance levels)

Fastness

		Change	Staining
Washing 40° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	34
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		34
Rubbing dry	(ISO 105-X12)		4

(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)

Standards

EN 16732 – class D	CPSIA HR4040;
BS 3084:2006;	F963;
DIN 3416 – 19;	EN71;
Oeko-Tex 100 Class 1;	QM System according BS EN ISO 9001:2008

Features

Main uses Sportswear Work wear Sleeping bags Outdoor goods

reflective bands

puller out of zinc



Signal S80 Two Way Closed End X-Form Spiral zip (#8) with retro-reflective bands



Signal S80 TWCE X-form

Dimensions (approx.)

Chain width:	8 mm
Chain thickness:	2,3 mm
Single tape widths:	17/19 mm
Length of tape ends:	top: 30±2 mm
	bottom:30±2mm

Features

Woven polyester tape with retroreflective bands

Slider body out of die casted zinc, puller out of zinc

Top stops and bottom stop - metal



Quality

Lateral strength	> 832 N
Lateral strength after reciprocation	> 749 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 5 N
Puller pull off strength	> 294 N
Slider locking strength	> 78 N
Slider over top stops	> 147 N

(The quality data represent minimum performance levels)

Fastness

Main uses
Work wear
Sport wear
Outdoor goods

		Change	Staining
Washing 40° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	34
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		34
Rubbing dry	(ISO 105-X12)		4
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(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)

Standards

EN 16732 – class C	CPSIA HR4040;
BS 3084:2006;	F963;
DIN 3416 – 19;	EN71;
Oeko-Tex 100 Class 1;	QM System according BS EN ISO 9001:2008



Signal S80 Two Way Closed End O-Form Spiral zip (#8) with retro-reflective bands



Signal S80 2WCE O-form

Dimensions (approx.)

Chain width:	8 mm
Chain thickness:	2,3 mm
Single tape widths:	17/19 mm
Length of tape ends:	top: 30±2 mm
	bottom:30±2mm

Features

Woven polyester tape with retroreflective bands

Slider body out of die casted zinc, puller out of zinc

Top stops and bottom stop - metal



Quality

Lateral strength	> 832 N	
Lateral strength after reciprocation	> 749 N	
Reciprocation test (durability)	> 3000 cycles	
Operating force	< 5 N	
Puller pull off strength	> 294 N	
Slider locking strength	> 78 N	
Lateral strength of bottom stop	> 140 N	
Slider against bottom stop	> 176 N	
(The quality data represent minimum performance levels)		

(The quality data represent minimum performance levels)

Fastness

Main uses			Change	Staining	
Work wear	Washing 40° C	(ISO 105-C06)	4	4	
	Water	(ISO 105-E01)	4	4	
Luggage	Dry-cleaning	(ISO 105-D01)	4	34	
Outdoor goods	Light	(ISO 105-B02)	5		
	Rubbing wet	(ISO 105-X12)		34	
	Rubbing dry	(ISO 105-X12)		4	

(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)

Standards

EN 16732 - class C	CPSIA HR4040;
BS 3084:2006;	F963;
DIN 3416 – 19;	EN71;
Oeko-Tex 100 Class 1;	QM System according BS EN ISO 9001:2008

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