

Signal S60 Continuous Chain Spiral zip (#5) with retro-reflective bands

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Signal S60 CC

Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	1,9 mm
Single tape widths:	16/21 mm

Features

Woven polyester tape with retroreflective bands



Quality

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Lateral strength	> 783 N
Lateral strength after reciprocation	> 705 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 4 N
(The quality data represent minimum performance loyale)	

(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)

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

Ma	ain uses
Sp	portswear
W	ork wear
0\	veralls
Le	ather goods
Ba	ack packs
Sc	chool bags
Fo	ootwear



Signal S60 Closed End Spiral zip (#5) with retro-reflective bands

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Signal S60 CE

Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	1,9 mm
Single tape widths:	16/21 mm
Length of tape ends:	top: 21±2 mm
	bottom:21±2mm

Features

Woven polyester tape with retroreflective bands

Slider body and puller out of die casted zinc.

Top stop and bottom stops - metal, pin or plastic



Quality

Quality	
Lateral strength	> 783 N
Lateral strength after reciprocation	> 705 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 4 N
Puller pull off strength	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
Lateral strength of bottom stop	> 120 N
Slider against bottom stop	> 117 N
(The quality data represent minimum performance	e levels)

quality data represent minimum performance levels)

Fastness

	Change	Staining	
(ISO 105-C06)	4	4	
(ISO 105-E01)	4	4	
(ISO 105-D01)	4	34	
(ISO 105-B02)	5		
(ISO 105-X12)		34	
(ISO 105-X12)		4	
	(ISO 105-E01) (ISO 105-D01) (ISO 105-B02) (ISO 105-X12)	(ISO 105-C06) 4 (ISO 105-E01) 4 (ISO 105-D01) 4 (ISO 105-B02) 5 (ISO 105-X12) 5	(ISO 105-C06) 4 4 (ISO 105-E01) 4 4 (ISO 105-D01) 4 34 (ISO 105-B02) 5 (ISO 105-X12) 34

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

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

Main uses	
Sportswear	
Work wear	
Footwear	
Overalls	
Luggage	
Backpacks	
School bags	



Signal S60 Open End Spiral zip (#5) with retro-reflective bands

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Signal S60 OE

Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	1,9 mm
Single tape widths:	16/21 mm
Length of tape ends:	top: 21±2 mm

Features

Woven polyester tape with retroreflective bands

Slider body and puller out of die casted zinc

Top stop - metal or plastic

Open end components out of zinc



Quality

Quality	
Lateral strength	> 783 N
Lateral strength after reciprocation	> 705 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 4 N
Puller pull off strength	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
Lateral strength of open end	> 117 N
Box pull off strength	> 98 N
(The quality data represent minimum performance	e levels)

(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)

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

Main uses	
Sportswear	
Work wear	
Leather goods	
Outdoor goods	
Jackets	



Signal S60 Two Way Open End Spiral zip (#5) with retro-reflective bands

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Signal S60 2WOE

Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	1,9 mm
Single tape widths:	16/21 mm
Length of tape ends:	top: 21±2 mm

Features

Woven polyester tape with retroreflective bands

Slider body and puller out of die casted zinc

Top stop - metal

Open end components out of zinc



Quality

Quality	
Lateral strength	> 783 N
Lateral strength after reciprocation	> 705 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 4 N
Puller pull off strength	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
Slider over bottom parts	> 90 N
Box pull off strength	> 98 N
(The quality data represent minimum performance	e 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)

EN 16732 – class C	CPSIA HR4040;
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Oeko-Tex 100 Class 1;	QM System according BS EN ISO 9001:2008

Main uses	
Sportswear	
Overalls	
Work wear	
Sleeping bags	
Outdoor goods	



Signal S60 Two Way Close End X-Form Spiral zip (#5) with retro-reflective bands

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Signal S60 2WCE X-form

D	imensi	ions	(approx.)
			(uppi ox.)

Chain width:	6 mm
Chain thickness:	1,9 mm
Single tape widths:	16/21 mm
Length of tape ends:	top: 21±2 mm
	bottom:21±2mm

Features

Woven polyester tape with retroreflective bands

Slider body and puller out of die casted zinc

Top stop and bottom stops - metal



Quality

Quality	
Lateral strength	> 783 N
Lateral strength after reciprocation	> 705 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 4 N
Puller pull off strength	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
(The supplity data non-next minimum nexterman	

(The quality data represent minimum performance levels)

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		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)

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

Main uses
Sportswear
Work wear
Overalls
Leather goods
Outdoor goods
Luggage



Signal S60 Two Way Close End O-Form Spiral zip (#5) with retro-reflective bands 2



Signal S60 2WCE O-form

Dimensi	ions	(approx.)

Chain width:	6 mm
Chain thickness:	1,9 mm
Single tape widths:	16/21 mm
Length of tape ends:	top: 21±2 mm
	bottom:21±2mm

Features

Woven polyester tape with retroreflective bands

Slider body and puller out of die casted zinc

Top stop and bottom stops - metal



Quality

Quality	
Lateral strength	> 783 N
Lateral strength after reciprocation	> 705 N
Reciprocation test (durability)	> 3000 cycles
Operating force	< 4 N
Puller pull off strength	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
Lateral strength of bottom stop	> 120 N
Slider against bottom stop	> 117 N
(The quality data represent minimum performance	e levels)

quality data represent minimum performance levels)

Fastness

Washing 40° C	(180 105 006)		
	(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)

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

Mai	n uses
Bac	kpacks
Wor	rk wear
Ove	eralls
Bac	kpacks
Out	door goods