



### S80 CC

#### Dimensions (approx.)

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

#### Features

Woven polyester tape;
Available also in Water Repellent and Flame retardant finish



#### 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)

#### Main uses

Sportswear
Work wear
Overalls
Footwear
Luggage
Hand bags
Mattresses
Home textiles
Outdoor goods
Marine
Awnings

#### Fastness

		Change	Staining
Washing 60° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	3...4
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		3...4
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



## 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

Woven polyester tape;  
Also available in Water Repellent  
and Flame retardant finish

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 60° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	3...4
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		3...4
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

Main uses
Sportswear
Work wear
Overalls
Leather goods
Footwear
Hand bags
Luggage
Mattresses
Outdoor goods
Marine
Automotive



### 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

#### Features

Woven polyester tape;  
also available in Water Repellent  
and Flame retardant finish; with  
marking points

Slider body out of die casted zinc;  
puller out of 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	3...4
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		3...4
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

Main uses
Sportswear
Work wear
Overalls
Leather goods
Sleeping bags
Mattresses
Home textiles
Outdoor goods
Marine
Tents and awnings
Automotive



## 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;  
Also available in Water Repellent  
and Flame retardant finish

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)

### Fastness

		Change	Staining
Washing 60° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	3...4
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		3...4
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

Main uses
Work wear
Overalls
Leather goods
Hand bags
Luggage
Outdoor goods
Marine
Automotive



## 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;  
Also available in Water Repellent  
and Flame retardant finish

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

		Change	Staining
Washing 60° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	3...4
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		3...4
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

Main uses
Work wear
Overalls
Leather goods
Hand bags
Luggage
Mattresses
Outdoor goods
Marine
Automotive



### 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

#### Features

Woven polyester tape;  
also available in Water Repellent  
and Flame retardant finish; with  
marking points

Slider body out of die casted zinc;  
puller out of 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 bottom end	> 147 N
Slider over bottom parts	> 120 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	3...4
Light	(ISO 105-B02)	5	
Rubbing wet	(ISO 105-X12)		3...4
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

Main uses
Sportswear
Work wear
Overalls
Leather goods
Sleeping bags
Mattresses
Home textiles
Outdoor goods
Marine
Tents and awnings
Automotive