



Dimensions (approx.)

Chain width:	7,6 - 8,6 mm
Chain thickness:	3,9 mm
Single tape widths:	17 mm

Features

Woven polyester tape; available also as interchangeable
Moulded components made of POM (PolyOxyMethylene)

P80 CC Contrast



Quality

Lateral strength	> 490 N
Lateral strength after reciprocation	> 441 N
Operating force	< 6 N
Reciprocation test (durability)	> 500 cycles
Member slippage	> 69 N
Member pull off	> 78 N

(The quality data represent minimum performance levels)

Main uses

Mattresses
Luggage
Work wear
Outdoor goods

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

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



Dimensions (approx.)

Chain width:	7,6 - 8,6 mm
Chain thickness:	3,9 mm
Single tape widths:	17 mm
Length of tape ends:	top: 21±3 mm
	bottom: 21±3mm

Features

Woven polyester tape;
Slider body out of die casted zinc, puller out of zinc.
Moulded components made of POM (PolyOxyMethylene)

P80 CE Contrast



Quality

Lateral strength	> 490 N
Lateral strength after reciprocation	> 441 N
Operating force	< 6 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 294 N
Slider locking strength	> 59 N
Slider over top stops	> 147 N
Lateral strength of bottom stop	> 120 N
Slider against bottom stop	> 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

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

Main uses
Sportswear
Ski clothes
Jackets and coats
Overalls
Work wear
Knitwear
Jogging suits
Outdoor goods
Luggage
Sleeping bags
Mattresses



Dimensions (approx.)

Chain width:	7,6 - 8,6 mm
Chain thickness:	3,9 mm
Single tape widths:	17 mm
Length of tape ends:	top: 21±3 mm

Features

Woven polyester tape; available also as interchangeable
Slider body out of die casted zinc, puller out of zinc
Moulded components made of POM (PolyOxyMethylene)

P80 OE Contrast



Quality

Lateral strength	> 490 N
Lateral strength after reciprocation	> 441 N
Operating force	< 6 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 294 N
Slider locking strength	> 59 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

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

Main uses
Sportswear
Sweatshirts
Jogging suits
Work wear
Knitwear
Jackets and coats
Ski clothes
Leather goods
Outdoor goods
Sleeping bags
Mattresses



Dimensions (approx.)

Chain width:	7,6 - 8,6 mm
Chain thickness:	3,9 mm
Single tape widths:	17 mm
Length of tape ends:	top: 21±3 mm
	bottom: 21±3mm

Features

Woven polyester tape;
Slider body out of die casted zinc, puller out of zinc.
Moulded components made of POM (PolyOxyMethylene)

P80 2WCE O-form Contrast



Quality

Lateral strength	> 490 N
Lateral strength after reciprocation	> 441 N
Operating force	< 6 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 294 N
Slider locking strength	> 59 N
Lateral strength of bottom stop	> 120 N
Slider against bottom stop	> 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

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

Main uses
Work wear
Overalls
Sleeping bags
Luggage
Outdoor goods



Dimensions (approx.)

Chain width:	7,6 - 8,6 mm
Chain thickness:	3,9 mm
Single tape widths:	17 mm
Length of tape ends:	top: 21±3 mm
	bottom: 21±3mm

Features

Woven polyester tape;
Slider body out of die casted zinc, puller out of zinc.
Moulded components made of POM (PolyOxyMethylene)

P80 2WCE X-form Contrast



Quality

Lateral strength	> 490 N
Lateral strength after reciprocation	> 441 N
Operating force	< 6 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 294 N
Slider locking strength	> 59 N
Slider over top stops	> 147 N
Member pull off strength	> 78 N
Member slippage strength	> 69 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

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

Main uses
Work wear
Overalls
Sleeping bags
Luggage
Outdoor goods



Dimensions (approx.)

Chain width:	7,6 - 8,6 mm
Chain thickness:	3,9 mm
Single tape widths:	17 mm
Length of tape ends:	top: 21±3 mm

Features

Woven polyester tape;
Slider body out of die casted zinc, puller out of zinc
Moulded components made of POM (PolyOxyMethylene)

P80 2WOE Contrast



Quality

Lateral strength	> 490 N
Lateral strength after reciprocation	> 441 N
Operating force	< 6 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 294 N
Slider locking strength	> 59 N
Slider over bottom parts	> 120 N
Lateral strength of bottom end	> 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

Oeko-Tex 100 Class 1;	CPSIA HR4040;
BS 3084:2006;	F963;
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Main uses
Sportswear
Sweatshirts
Jogging suits
Work wear
Knitwear
Jackets and coats
Ski clothes
Leather goods
Sleeping bags
Outdoor goods