



Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	2,8 mm
Single tape widths:	16 mm

Features

Woven polyester tape; available also with marking points and interchangeable
Moulded components made of POM (PolyOxyMethylene)

P60 CC Contrast



Quality

Lateral strength	> 392 N
Lateral strength after reciprocation	> 352 N
Operating force	< 4 N
Reciprocation test (durability)	> 500 cycles
Member slippage	> 49 N
Member pull off	> 49 N

(The quality data represent minimum performance levels)

Main uses

Mattresses
Luggage
Work wear

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:	6 mm
Chain thickness:	2,8 mm
Single tape widths:	16 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)

P60 CE Contrast



Quality

Lateral strength	> 392 N
Lateral strength after reciprocation	> 352 N
Operating force	< 4 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
Lateral strength of bottom stop	> 60 N
Slider against bottom stop	> 88 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
Hand bags
Luggage
Sleeping bags
Mattresses



Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	2,8 mm
Single tape widths:	16 mm
Length of tape ends:	top: 21±3 mm

Features

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

P60 OE Contrast



Quality

Lateral strength	> 392 N
Lateral strength after reciprocation	> 352 N
Operating force	< 4 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
Lateral strength of open end	> 147 N
Box pull off strength	> 117 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
Luggage
Sleeping bags
Mattresses



Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	2,8 mm
Single tape widths:	16 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)

P60 2WCE O-form Contrast



Quality

Lateral strength	> 392 N
Lateral strength after reciprocation	> 352 N
Operating force	< 4 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 245 N
Slider locking strength	> 49 N
Lateral strength of bottom stop	> 60 N
Slider against bottom stop	> 88 N

(The quality data represent minimum performance levels)

Main uses

Work wear
Overalls
Sleeping bags
Luggage
Hand bags

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	



P60 2WCE X-form Contrast

Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	2,8 mm
Single tape widths:	16 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)



Quality

Lateral strength	> 392 N
Lateral strength after reciprocation	> 352 N
Operating force	< 4 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 245 N
Slider locking strength	> 49 N
Slider over top stops	> 117 N
Member pull off strength	> 49 N
Member slippage strength	> 49 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
Hand bags



Dimensions (approx.)

Chain width:	6 mm
Chain thickness:	2,8 mm
Single tape widths:	16 mm
Length of tape ends:	top: 21±3 mm

Features

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

P60 2WOE Contrast



Quality

Lateral strength	> 392 N
Lateral strength after reciprocation	> 352 N
Operating force	< 4 N
Reciprocation test (durability)	> 500 cycles
Pull off strength of puller	> 245 N
Slider locking strength	> 49 N
Slider over bottom parts	> 90 N
Lateral strength of bottom end	> 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
Sleeping bags
Outdoor goods