



### QR P60 OE

#### 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;
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
Lateral strength of open end	> 147 N
Box pull off strength	> 117 N
QR top stop	15 – 30 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

Protective wear
Work wear
Military jackets and coats
Children's wear
Winter outerwear
Sleeping bags



### QR P60 2WOE

#### 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;
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 bottom parts	> 90 N
Lateral strength of bottom end	> 147 N
QR top stop	15 – 30 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;
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#### Main uses

Protective wear
Work wear
Military jackets and coats
Children's wear
Winter outerwear
Sleeping bags