



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 |



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

S80 CE



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 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 |



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 2WCE O-form

Dimensions (approx.)

| | |
|----------------------|--------------------------------|
| Chain width: | 8 mm |
| Chain thickness: | 2,3 mm |
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| Length of tape ends: | top: 30±2 mm bottom: 30±2mm |

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puller out of zinc

Top stops and bottom stop - metal



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| 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 |
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| 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 |

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