

PRODUCT CATALOGUE · EDITION 1 · 2026

QUAYCORD™

Port rubber belting and protection systems.

01
Conveyor belting

02
Trench protection belt

03
Quay & berth facing

A Portcrane.GROUP product line

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PORTCRANE.GROUP

Five products, one brand.

QuayCord is the Portcrane.GROUP supply line for rubber belting and protection systems used in ports and terminals. One type designation, one marking, one point of contact.

ST Steel cord conveyor belt

High-strength belt reinforced with parallel steel cords, for long, heavily loaded bulk-handling conveyors.

Typical use: Quay-to-yard and ship-loading conveyors, long overland runs.

SW Sidewall conveyor belt

Belt with corrugated sidewalls and cleats that carries material at steep angles and in confined routes.

Typical use: Steep or vertical lift out of holds, hoppers and transfer points.

FB Fabric conveyor belt

Multi-ply fabric-reinforced belt for general duty and shorter conveyors.

Typical use: Yard feeders, short transfers, lighter duty lines.

TP Trench protection belt

Heavy rubber belt that covers crane cable trenches, protects the cable and chain system and keeps the trench closed to traffic and debris.

Typical use: Container-crane and gantry-crane cable trenches along the quay.

QF Quay and berth facing

Rubber facing for quay edges and berths, taking contact from vessels and equipment.

Typical use: Berth edges and quay faces. Dimensions and profiles to project.

Steel cord belt ST.

Steel cord belts carry the longest and most heavily loaded conveyors in a terminal. Parallel galvanised steel cords take the tension; rubber covers protect the cords and carry the legend.

Belt types to DIN 22131

Type	Min. strength, N/mm	Max. cord dia., mm	Cord pitch, mm	Min. cover, mm
ST1000	1,000	4.1	12	4
ST1250	1,250	4.9	14	4
ST1600	1,600	5.6	15	4
ST2000	2,000	5.6	12	4
ST2500	2,500	7.2	15	5
ST3150	3,150	8.1	15	5.5
ST3500	3,500	8.6	15	6
ST4000	4,000	8.9	15	6.5
ST4500	4,500	9.7	16	7
ST5000	5,000	10.9	17	7.5
ST5400	5,400	11.3	17	8

Key data

Item	Data
Belt width	500 to 3,200 mm (DIN 22131 width series)
Standards	DIN 22131, GB/T 9770, JIS K6369, AS 1333
Cover grades	Standard, fire, heat, abrasion, acid / alkali / oil, cold resistant
Adhesion; joint	At least 95 N/mm; hot vulcanised joint

Nominal values. The final specification, including cover thickness and cord count for the width, is confirmed on quotation.

Sidewall and fabric belt.

Sidewall belts lift material steeply in tight routes. Fabric belts cover general and shorter duties, in EP or NN fabric chosen for the duty.

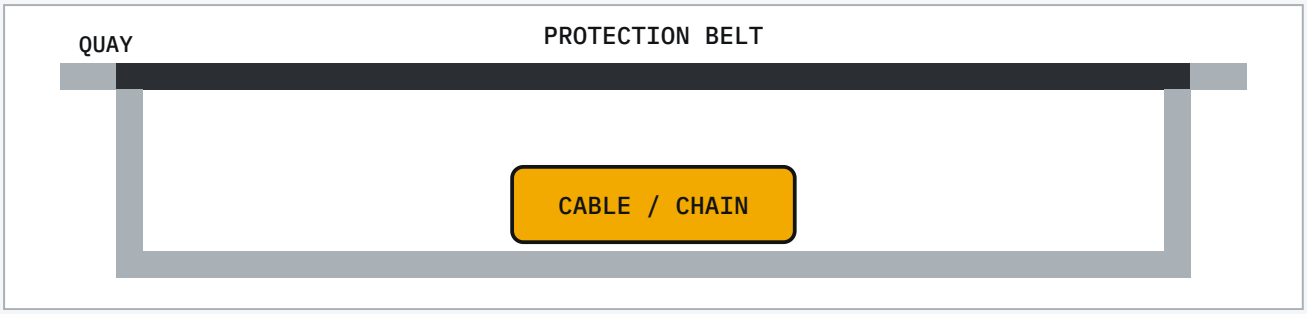
Sidewall SW	Data
Belt width	300 to 2,400 mm
Sidewall height	40 to 630 mm
Cleat height	55 to 600 mm
Cleat types	C, T, TC, TC-XS
Conveying angle	0° to 90°
Base belt	Fabric, fabric with transverse steel cord, or steel cord
Cover rubber	NR, SBR, CR, EPDM
Joint	Hot vulcanised

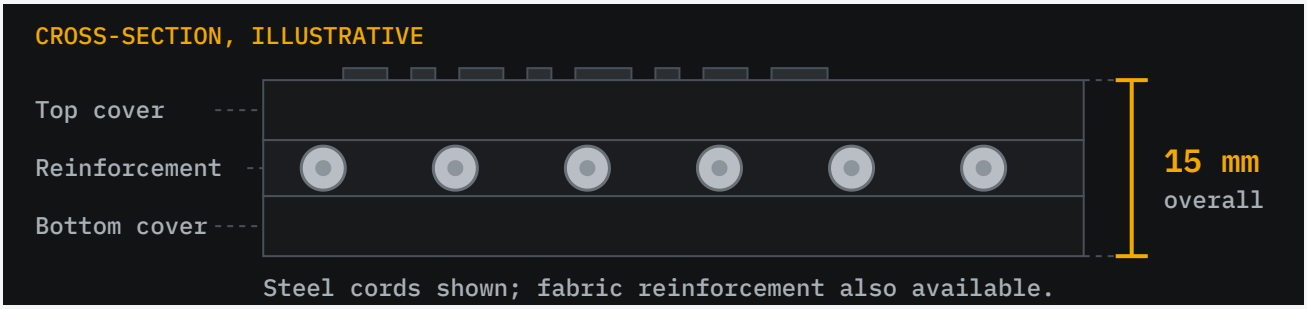
Fabric FB type	Use
Conventional	Powder, grain and block material
Oil / fat resistant	Oil and fat material
Acid / alkali resistant	Material of pH 4 to 10
Heat resistant	Up to 100, 125, 150 or 175 °C
High temperature resistant	Up to 200 °C
Flame resistant	Extinguishes flame quickly
Low temperature resistant	Cold down to -40 °C
Abrasion resistant	Shaped, impact-loaded material

Fabric strength, plies and thickness are selected for the duty and confirmed on quotation. Cover grade suffixes FR, AS, AR and HT are explained on the marking page.

Trench protection belt.

The belt is laid over a precast quay cable trench. One edge is bolted to the quay; the other is lifted by a cable guide on the crane as it travels, then lies down behind it. It replaces hinged steel trench covers.





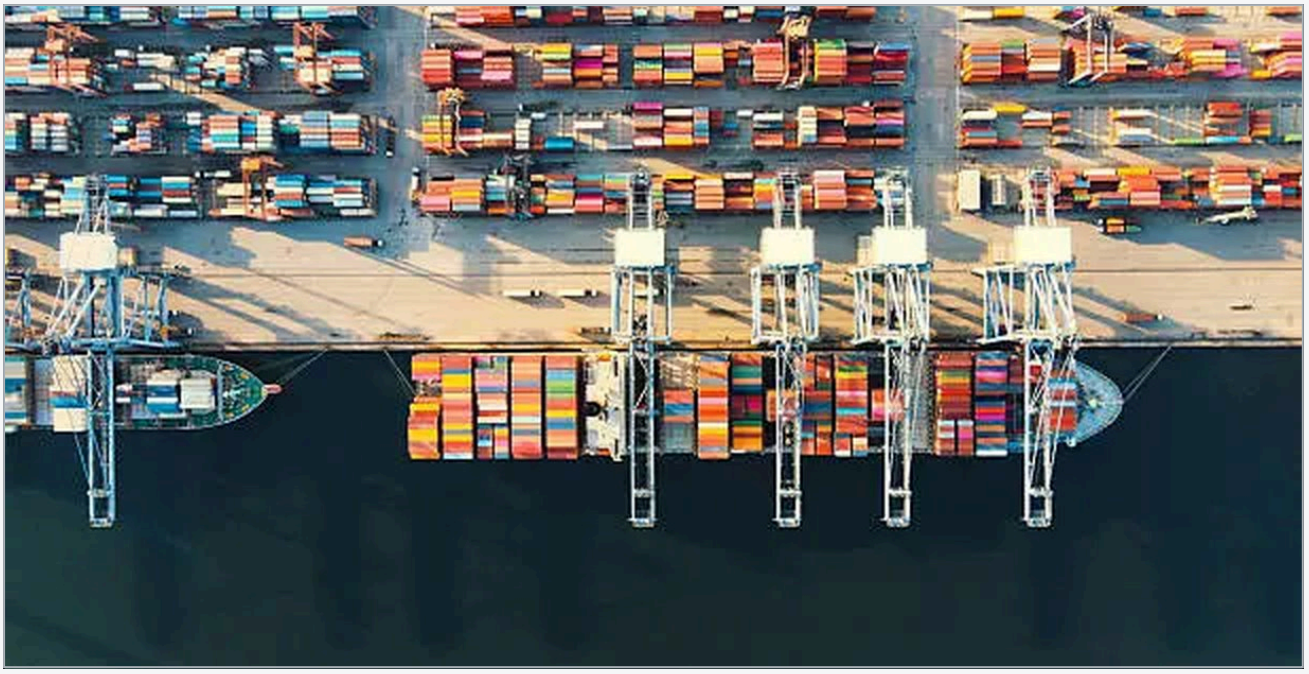
Specification

Parameter	Data
Thickness	15 mm standard, to order
Width	300 to 600 mm, to order
Reinforcement	Steel cord or fabric
Opening angle	90°
Fatigue life	More than 400,000 open / close cycles
Temperature	-30 °C to +80 °C in service
Supply	50 m or 100 m rolls, or fixed cut lengths
Options	Wear-resistant, flame-retardant, anti-static, oil- and chemical-resistant covers

Schematic and cross-section for illustration only. Moulded to the site trench design; drawing required.

Quay and berth facing.

Rubber facing on the quay edge takes contact from vessels and cargo equipment along the berth. It is made to the berth drawing, not from a catalogue size, so each job is quoted individually.



What we need to quote

Information needed	Why
Berth drawing and quay-edge section	Sets the profile, length and thickness
Existing fender arrangement	Shows where facing sits against fenders
Largest and smallest vessels	Sets the contact loads and compound
Fixing method and substrate	Bolted, embedded or bonded to concrete or steel
Colour and marking	Any colour or legend requirement

Send the items above to inquiry@portcrane.group and Portcrane.GROUP will return a proposal with profile, compound and fixing details.

Photo: aerial view of a container berth, for illustration. Not a QuayCord installation.

Type designation and marking.

Every QuayCord belt carries its type designation moulded into the cover, so the belt can be identified in service from the legend alone.



QUAYCORD ST1600 – 2000 – 17

QUAYCORD Brand	**ST1600** Construction and rated N/mm	**2000** Width, mm	**17** Thickness, mm

An optional grade suffix follows the thickness: FR, AS, AR or HT. STD carries no suffix.

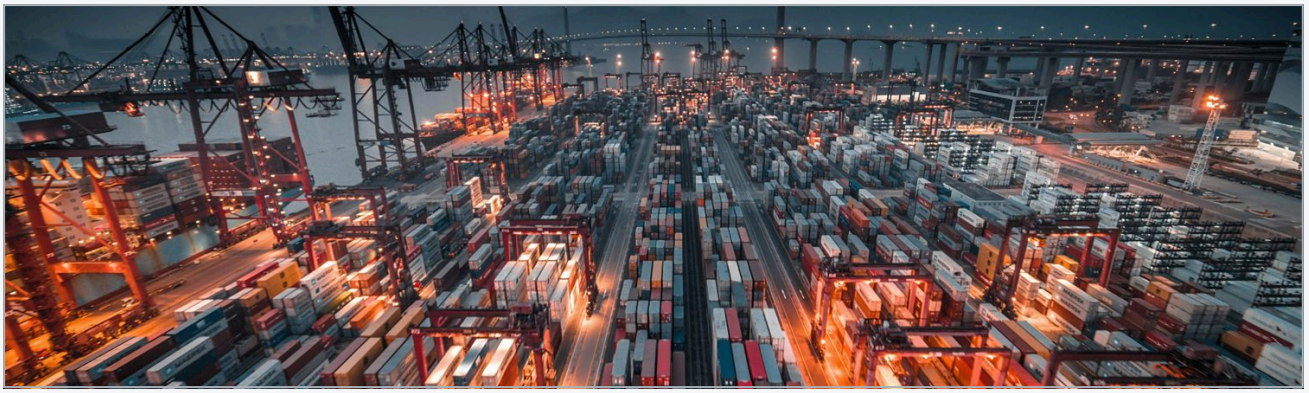
Moulded legend

Item	Proposal
Legend position	Centred on the top cover, between the moulded edges
Character height	60 mm (40 mm on narrow belts)
Relief	1.0 mm raised
Minimum stroke	4 mm
Repeat	Every 1.5 m along the belt

Moulding values are proposals, to be confirmed with the mould maker before production.

How to enquire.

QuayCord is supplied by Portcrane.GROUP, which inspects the manufacturer and the product before shipment. Send the details below and we will return a quotation.



To quote, please send	Detail
Product	ST, SW, FB, trench protection belt or quay facing
Application	Conveyor duty, trench or berth, and the terminal
Dimensions	Width, thickness and length, or the drawing
Grade	STD, FR, AS, AR or HT
Quantity and delivery	Volume and required delivery date
Marking	Standard QuayCord legend, or any additions

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