

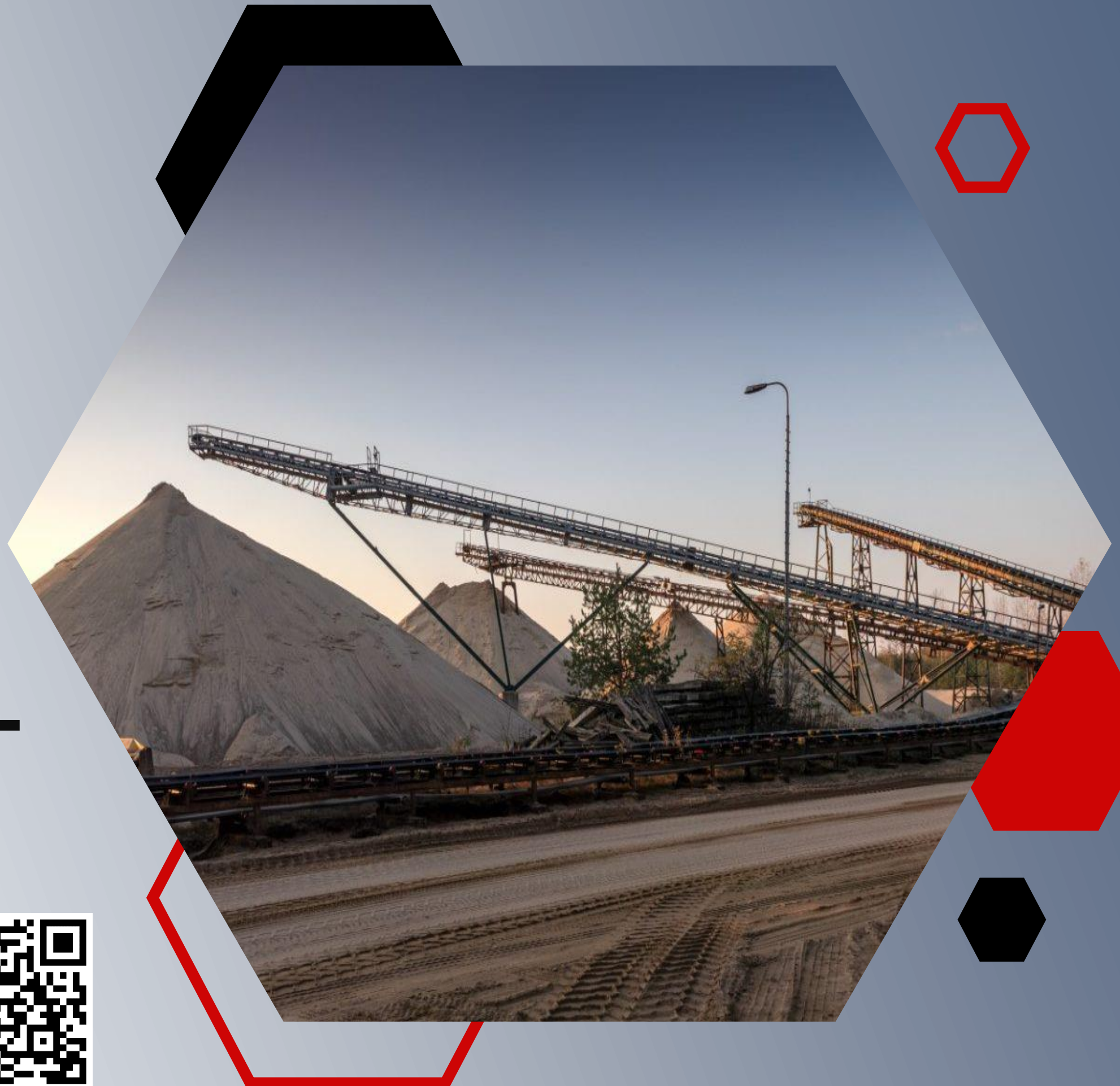


STEEL CORD CONVEYOR BELT HOT VULCANIZED JOINT

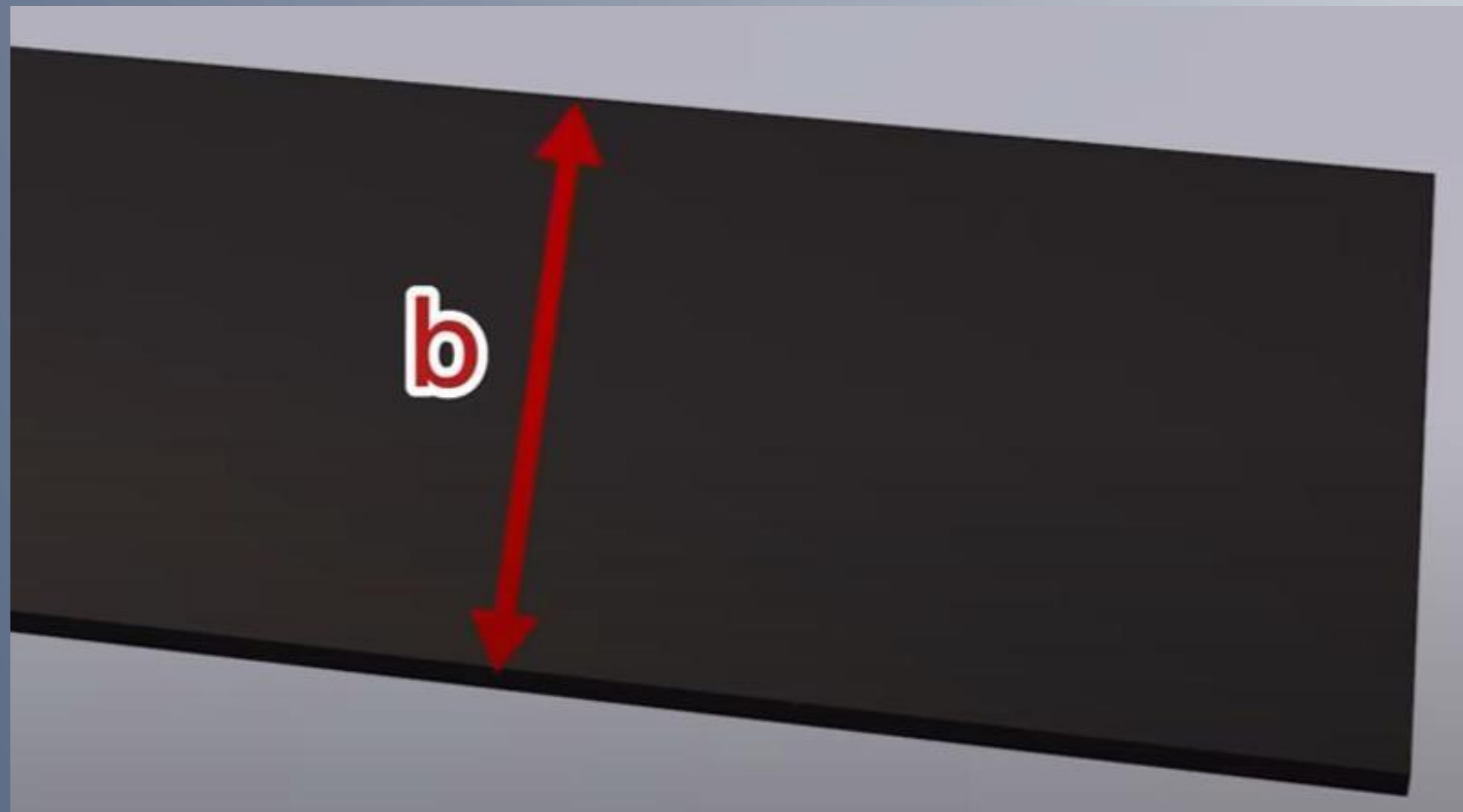
PT. RBK INTERNATIONAL
RUBBEX CONVEYORS

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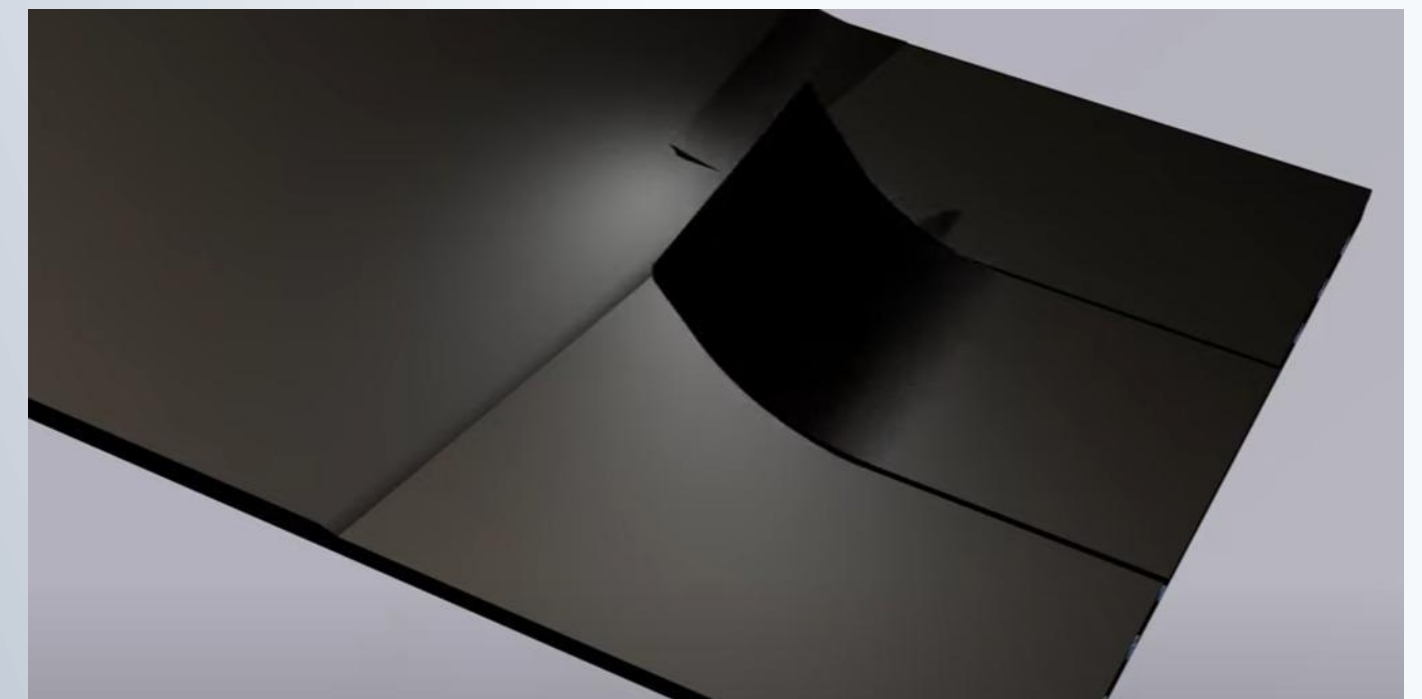
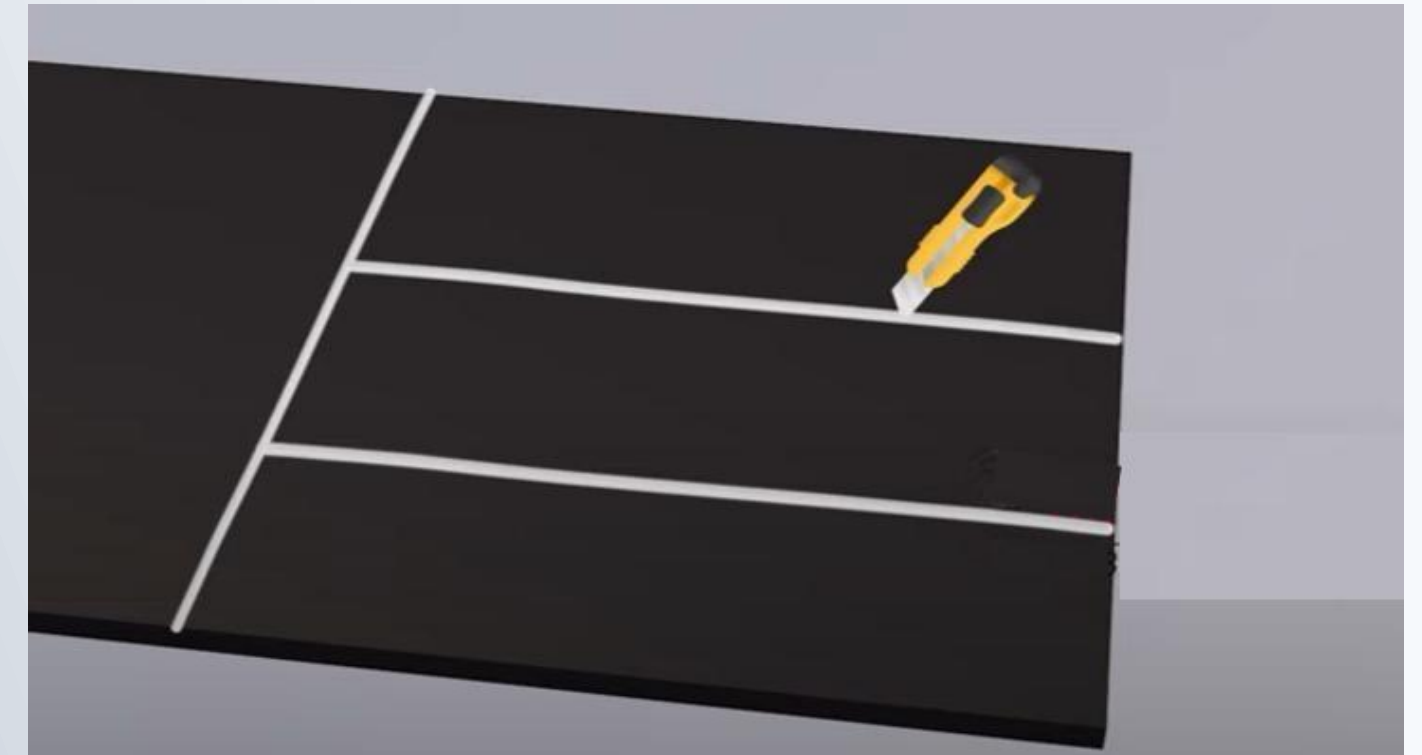
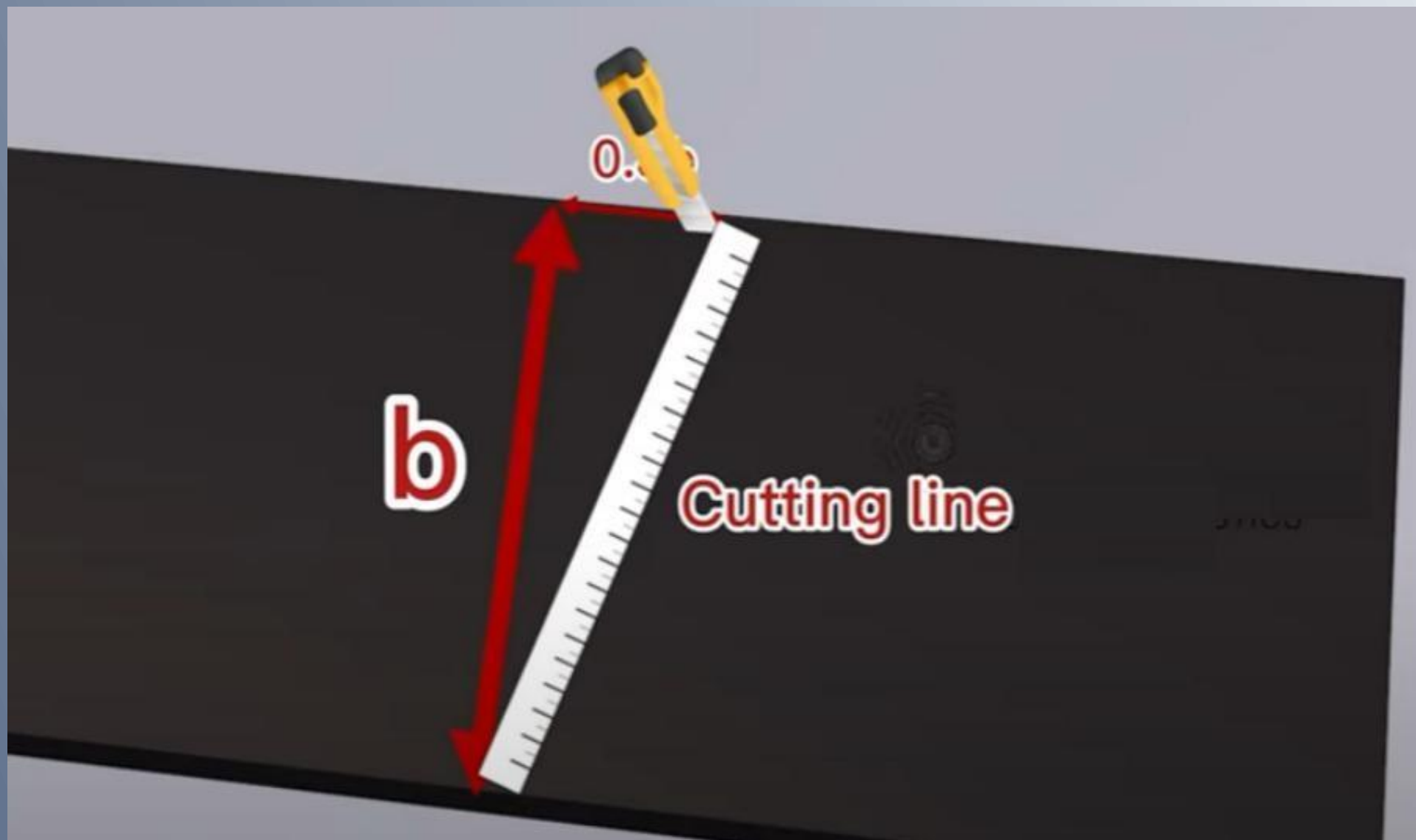
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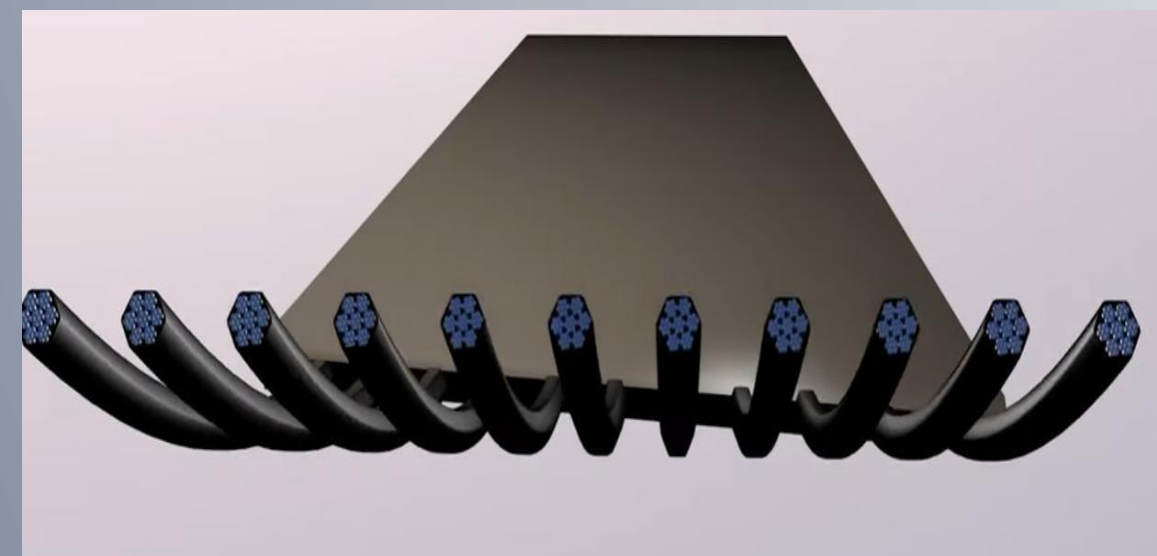
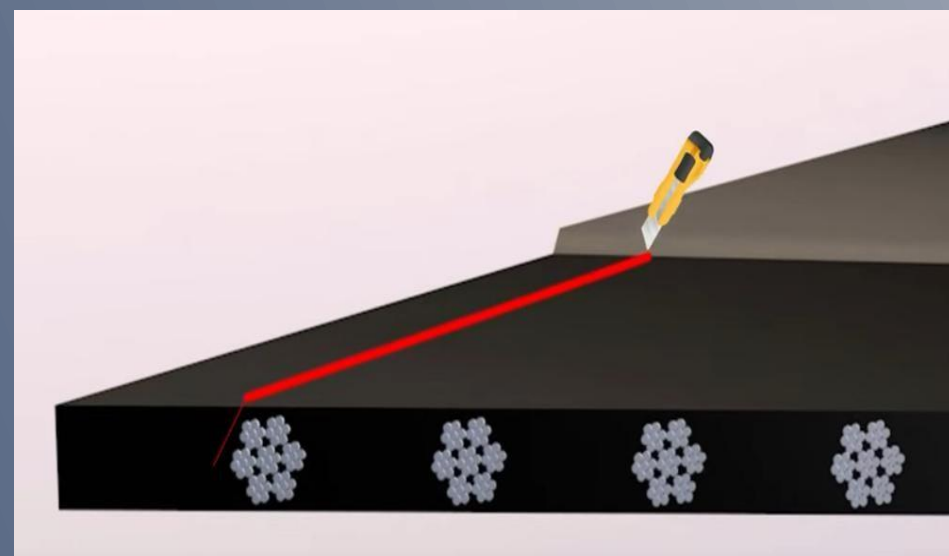
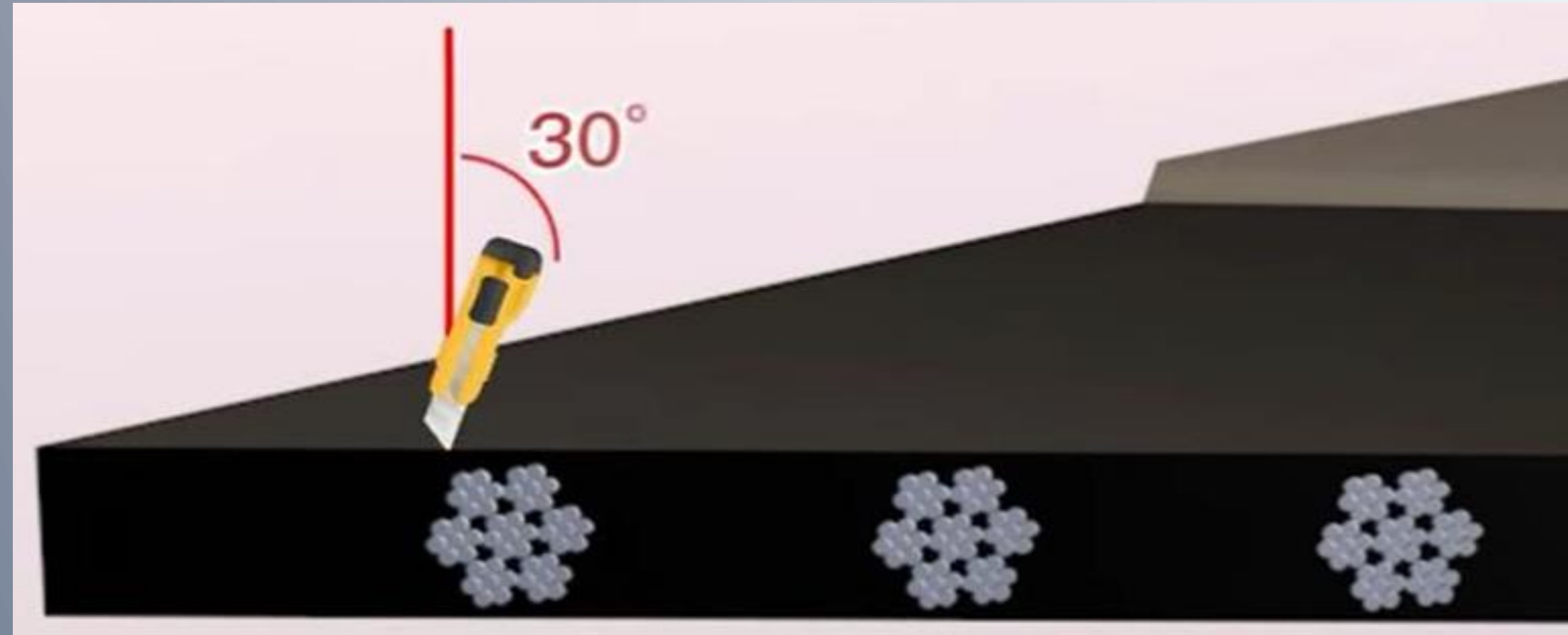
1. Bevel cut cover rubber.



2. Inclined 60 degree angle to peel off the top cover rubber.



3. Excision and strip out the steel cord.



4. lay a layer of bottom rubber

In order to enhance the strength of the joint and the steel cord and the conveyor belt need to be aligned

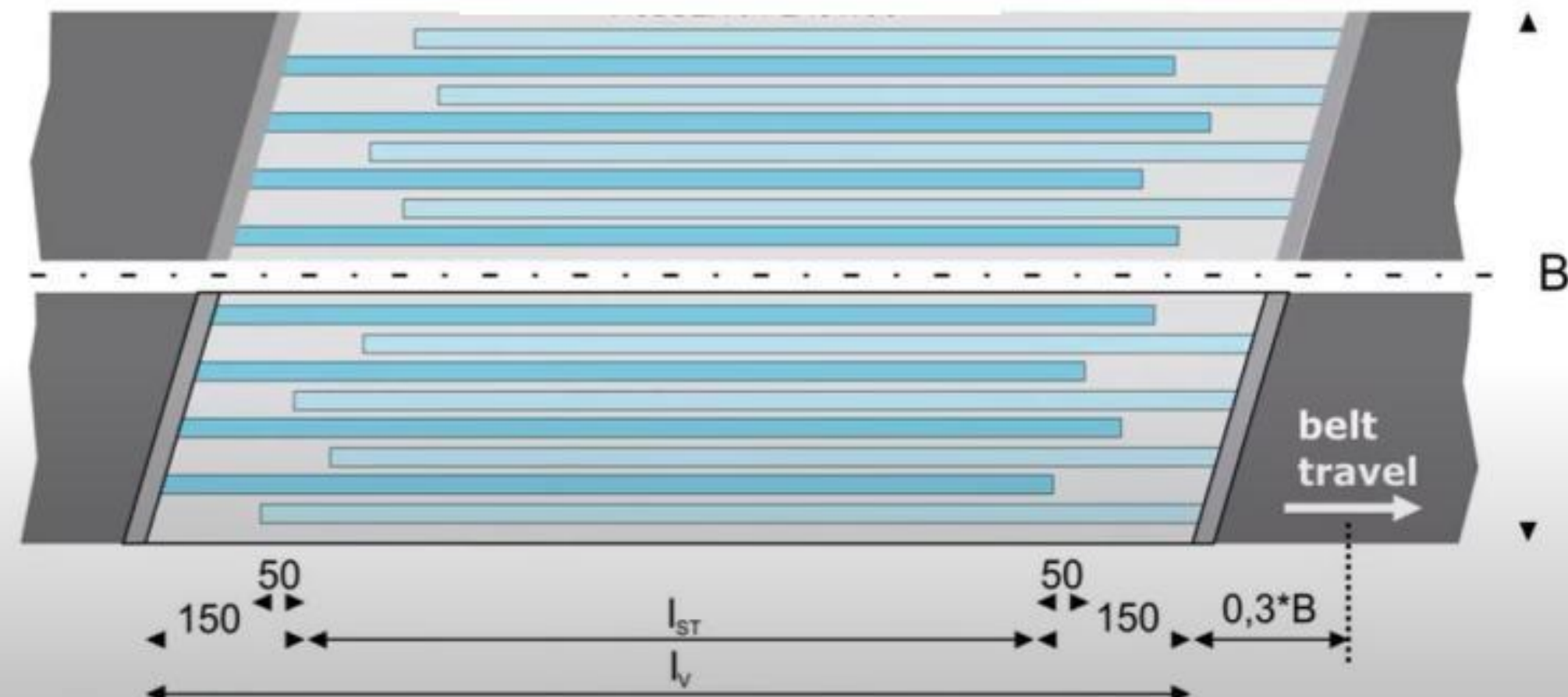


5. according to the different types of steel cord conveyor belts, when vulcanizing joint, we recommend different steel cord splicing methods.

One-Step-Splice

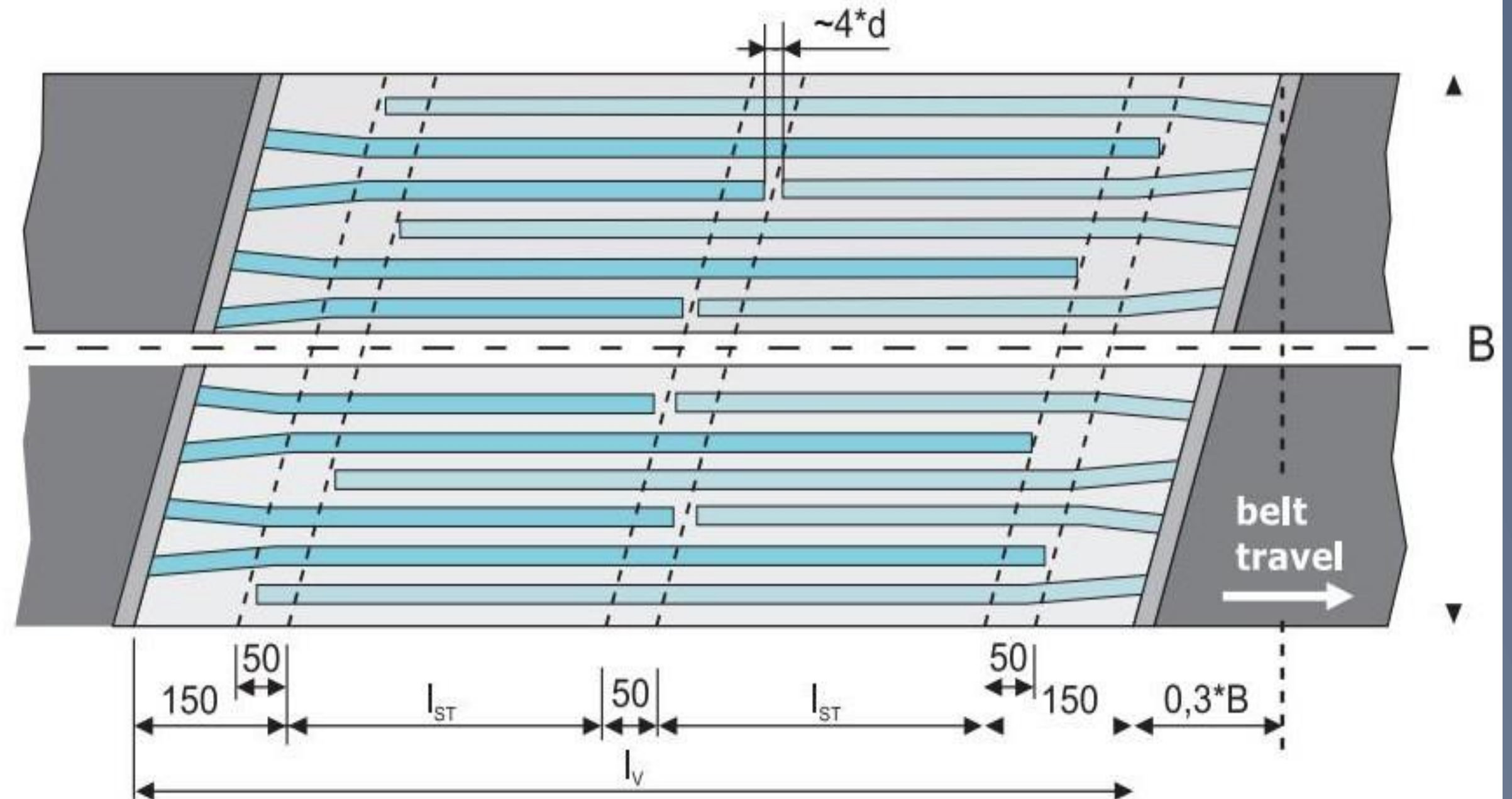
Belt Type	Steps x step length l_{st} in mm	Splice length l_v in mm
St 500	1 x 600	800
St 630	1 x 600	800
St 800	1 x 600	800
St 1000	1 x 600	800

B: belt width
 d: cord diameter
 l_{st} : step length
 l_v : effective splice length



Two-Step-Splice

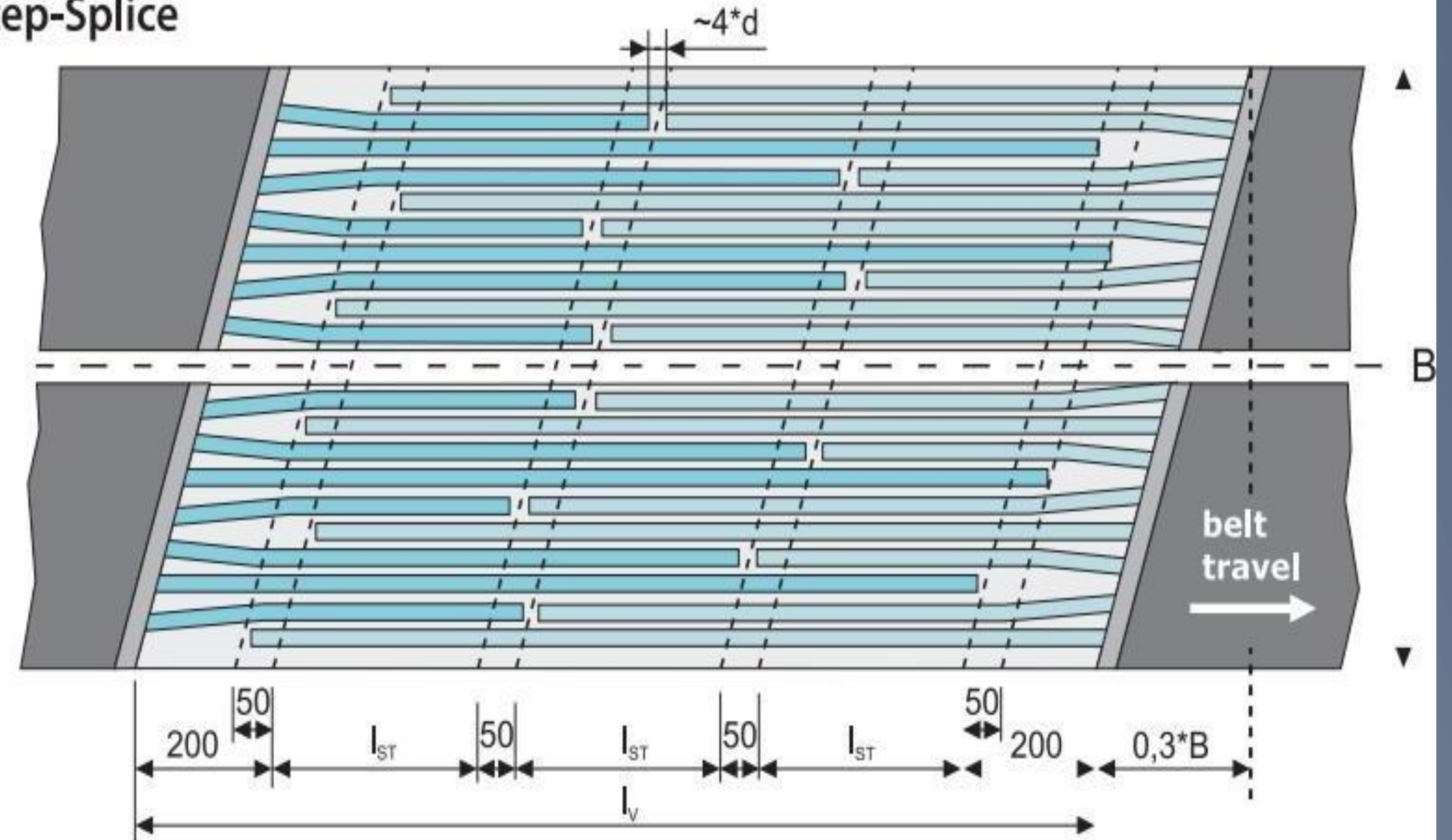
Belt Type	Steps x step length l_{ST} in mm	Splice length l_V in mm
St 1250	2 x 350	1050
St 1400	2 x 400	1150
St 1600	2 x 400	1150
St 1800	2 x 400	1150
St 2000	2 x 400	1150
St 2250	2 x 500	1350
St 2500	2 x 600	1550
St 2800	2 x 650	1650
St 3150	2 x 650	1650



Three-Step-Splice

Belt Type	Steps x step length l_{ST} in mm	Splice length l_V
St 3500	3 x 650	2450
St 4000	3 x 750	2750
St 4500	3 x 800	2900

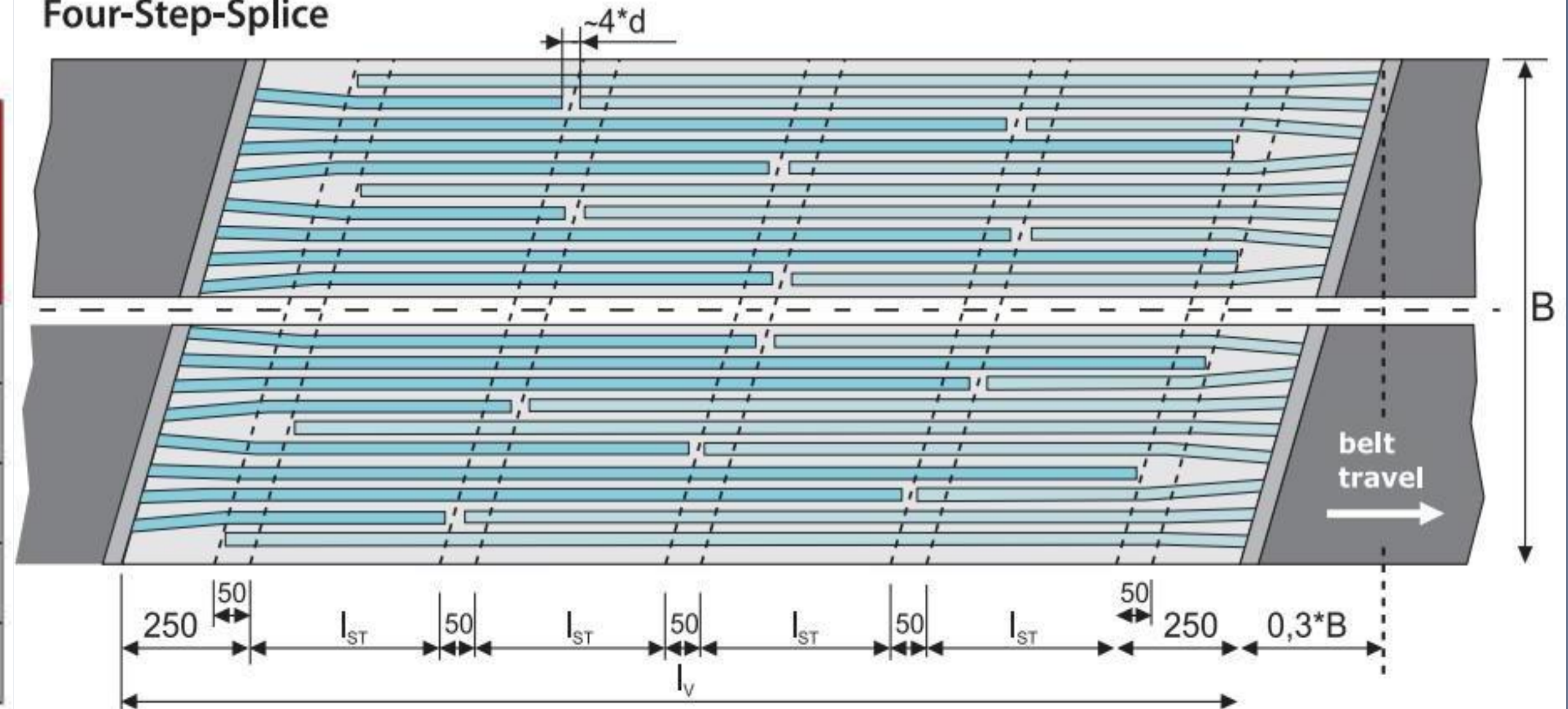
Three-Step-Splice



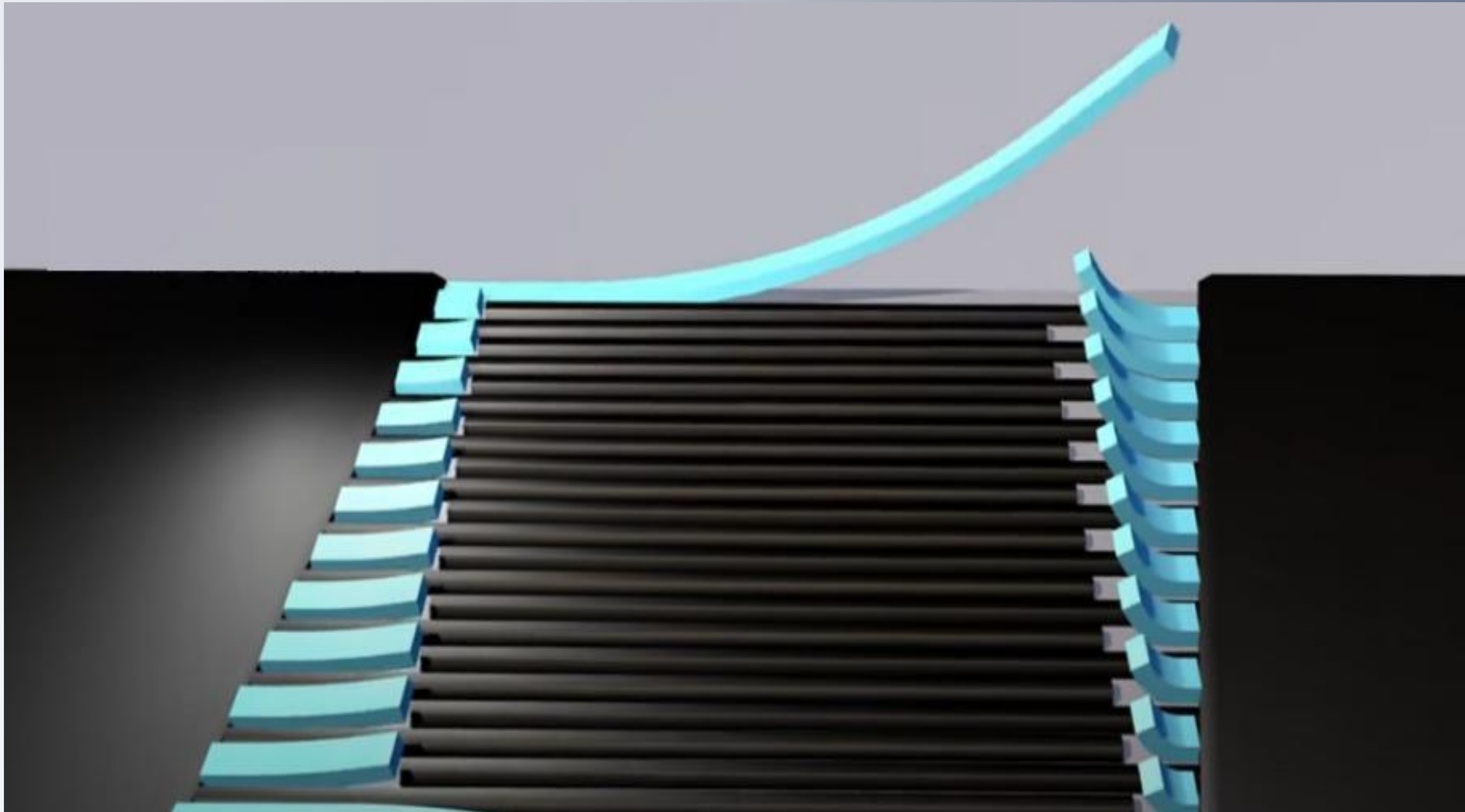
Four-Step-Splice

Belt Type	Steps x step length l_{ST} in mm	Splice length l_V
St 5000	4 x 900	4250
St 5400	4 x 1000	4650
St 5800	4 x 1100	5050
St 6300	4 x 1200	5450
St 6700	4 x 1300	5850

Four-Step-Splice

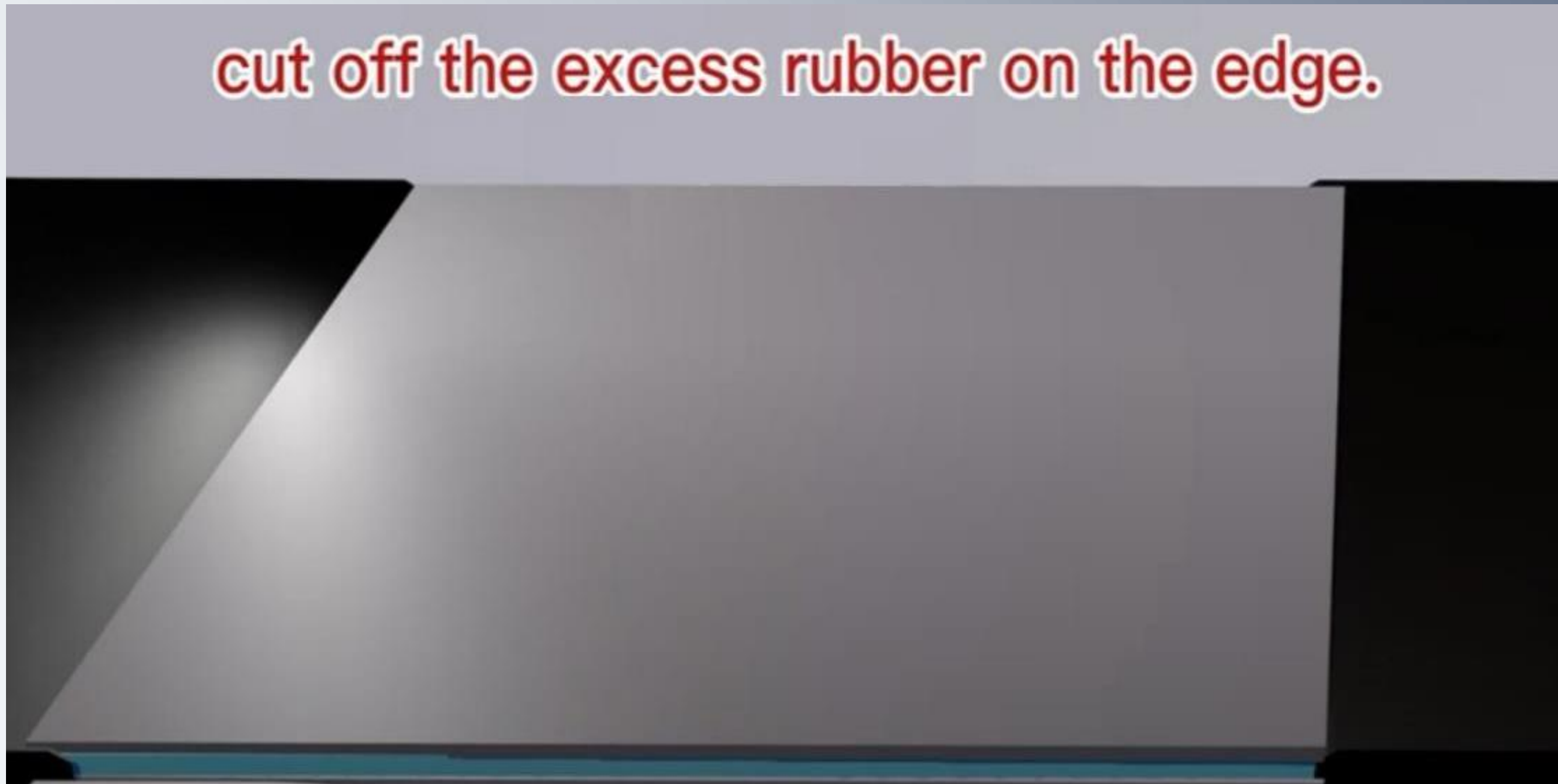


6. After splicing the steel cord, use the rubber compound to fill the seam of the steel cord



7. Cover a layer of top rubber, cut off the excess rubber on the edge.

cut off the excess rubber on the edge.



8. Finally, the conveyor belt vulcanizer is set up and down to vulcanize the conveyor belt.

