



Multiply flame resistant conveyor belt DELTAFLAM GT

Application:

Deltaflam GT is a belt with multi-ply construction, with carcass and rubber covers.

Belt carcass is made of 2 to 5 plies and it ensures:

- the high strength of vulcanized and cold glued splicing,
- high tear resistance.
- good flexibility and proper centering in the trough

Rubber cover guarantee ideal operation of the belt in heavy operating conditions in underground mines.

Rubber for covers and edges and interlayer rubber ensures that Deltaflam GT belt fulfillment the flame resistance requirements.

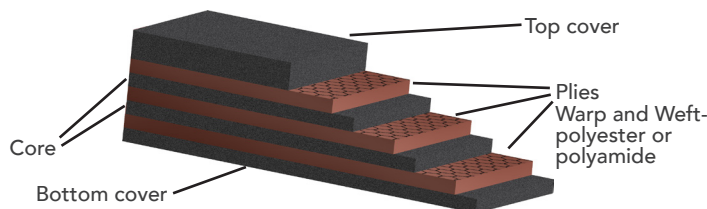
Strength ranges:

From 630 to 3150 [N/mm]

Width, length of the sections:

Width from 800 to 1800 mm;
Standard lengths of belts: 100; 150; 200; 250 [m];
other to be agreed with the manufacturer

Belt design:



Manufacturing of the belt:

According to the operation and maintenance manual of Cobra Europe Sp. z o.o Piekary Śląskie; standards: PN-EN; DIN; SA; GOST; MSHA; organizational standards and/or with the prior agreement of the Customer.

Splicing methods:

Cobra Europe Sp. z o.o. Piekary Śląskie offers splicing of conveyor belts by factory service and recommends splicing the belts by vulcanizing (stepped) and cold glueing method using DX CEMENT D-BOND FB adhesive. It is possible also to use mechanical splice, which should be applied in accordance with the Operation and Maintenance Manual from splice manufacturer.

Belts marking:

Example:
DEPREUX DELTAFLAM GT 1600 /4 1200 4+3 L, where:
DEPREUX – a trademark of the manufacturer Cobra Europe Sp. z o.o. Piekary Śląskie
DELTAFLAM GT belt type
1600 – type = tensile strength [N/mm],
4 - number of plies
1200 – belt width [mm],
4+3 – covers thickness: carrying and running [mm];
L – class of rubber covers acc. to EN-ISO 22721 or EN-ISO 14890.

Minimum pulley diameters:

Tensile strength [N/mm] / no of ply	630/2 and 630/3	630/4 and 630/5	800/2 and 800/3	800/4 and 800/5	1000/2 and 1000/3	1000/4 and 1000/5	1250/2 and 1250/3	1250/4 and 1250/5	1400/3	1400/4 and 1400/5	1600/3	1600/4 and 1600/5	1800/4 and 1800/5	2000/4 and 2000/5	2500/5
Pulley A	500	630	500	1000	630	1000	800	1000	800	1000	1000	1000	1250	1250	1400
Pulley B	400	500	400	800	500	800	630	800	630	800	800	800	1000	1000	1250
Pulley C	315	400	315	630	400	630	500	630	500	630	630	630	800	800	1000

Minimum diameters of pulleys for a range of DELTAFLAM GT belt loading on pulley: 60-100%

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