ABRASION RESISTANT CONVEYOR AND ELEVATOR BELTS COBRA





Our anti-abrasive Depreux belts combine a multi-ply carcass with a cover that has high abrasion resistance.

The choice of the belt's type is largely influenced by the physical properties of the transported materials: the granularity, humidity level, and its abrasive properties.

Some examples:

- Highly abrasive materials: clinker, ore, pyrite, coke, lignite, super-phosphate, magnetite, quartz, glass powder.
 Recommended cover: DIN W
- Medium abrasive materials: anthracite, coal, ash, bauxite, potash, gravel, aluminium, concrete, sand.

Recommended cover: DIN Y

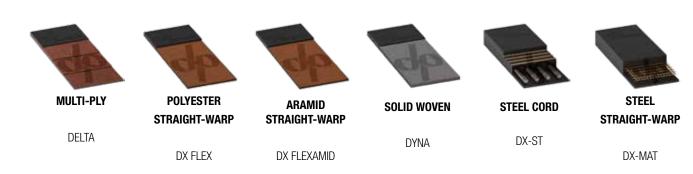
• Heavy or sharp materials: iron, andesite, schist, ryolythe, comblanchien, and all types of rocks with a granularity higher than 4 inches (100mm) after being broken down.

Recommended cover: DIN X

Belt construction

Conveyor and elevator belts are composed of:

- fabric or steel carcass.
- **two rubber covers**: a top cover ensuring contact with the transported material and the bottom cover ensuring contact with the conveyor drums.



Technical characteristics of abrasion resistant covers:

		Suitable for											
Designation	DIN 22102	ISO 14890	US- MSHA	AUSTRALIA AS 1332	ENGLISH SB490	CHINESE GB / T7984 Multiplies	CHINESE GB / T9770 Steel Cord	Uses	Abrasiv index (mm^3)	Break resistance (Mpa)	Elongation at break (%)	Temperature range	Composition
В			RMA2			L		Moderately abrasive materials with a low granularity such as: sand, earth and coal, in normal conditions	<150	>14	>400	-25°C to +80°C -13°F to 176°F	SBR/BR
X	Х	Н		AS M	M24	Н	Н	Sharp materials and blocks	<120	>25	>450	-25°C to +80°C -13°F to 176°F	NR/BR
Υ	Υ		RMA1	AS N	N17		L	Abrasive materials of medium granularity	<150	>20	>400	-25°C to +80°C -13°F to 176°F	NR/SBR/BR
W	W	D				D	D	Highly abrasive materials	<90	>18	>400	-25°C to +80°C -13°F to 176°F	NR/SBR/BR
SH				AS A				Highly abrasive materials	<70	>20	>450	-25°C to +80°C -13°F to 176°F	NR/SBR
IS								Abrasive materials, thin and sticky, use at very low temperatures.	<50	>14	>350	-45°C to +80°C -49°F to 176°F	NR/BR/SBR
PVC (Solid- woven)									<140	>15	>350	0°C to +50°C 32°F to 122°F	PVC