

Product Data Sheet: E-Type Haul Off Belt



Main industries

Electric Cable Extrusion, Plastic Pipe Production
Wooden industries and Metal industries

Key applications

Haul Off and pulling applications in various mid-duty industries

Belt design

Belt surface
Traction layer
Driving surface

Rubber, color options: Tan, Green, Red and Black
Polyester and or fiber glass cords.
Fabric, or bottom rubber cover, or rubber poly-V belts subject to customer's requests

Belt specification

Thickness
Pull for 1% elongation (K1%)
Hardness of the top rubber cover
Minimum pulley diameter⁽¹⁾
- knife edge

5.0 mm to 30 mm overall thickness subject to machine design provided by the customer
11 N/mm and above that can be tailor-made
Subject to customer's request
Consult with the vendor due to various thicknesses in the range
No

Belt surface pattern

The major top cover pattern is X: plain surface

Belt construction

The base belt structure from the bottom consist of:
Rubber, fabric, and, in many cases, rubber poly-V belts
Fabric
Intermediate Fabric + glass fabric cords

Max. circumference length
Belt weight

4600 mm
Depending upon the total belt thickness

Product Code:

Example code

ERX-70, 3600x120x22
E: E-type haul off belt, or is called caterpillar belt in cable industry
R: Red, the top cover rubber color
X: Plain top rubber cover, 70 Shore hardness
3600: 3600 mm, the inner circumference length of the belt
120: 120 mm, the exact belt width
22: 22 mm, the overall belt thickness

Color options(the second alphabet in the product code):
N: tan (original rubber color) **R:** red **G:** Green **B:** black
(Both red and black are the most popular colors selected.)

Remarks:

- Movemax can also provide the excessively long haul off belts with the joined flat belt as the base.
- In the case of the haul off belt with rubber poly-V belt as the base, the product code is described as:
Example: **PL2921 x 20 rib W c/w 10 mm t 70A**
PL2921 : Rubber poly-V belt, metric, 2921 mmL
20 : The required rib numbers, 20 ribs equal to 94 mm belt width
10 : 10 mm t rubber to be coated on top of the rubber poly-V belt, NOT the overall product thickness
70 : The hardness of the top cover, 70A

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The information and figures in this document describes the features of the product as tested in a compatible laboratory environment. It does not necessarily equal to the conditions of industrial use and it does not guarantee the product to be adaptable to certain applications. The consumer remains liable for the proper selection and correct use of the product. The belt manufacturer cannot be held responsible should damages arise from the use of its products. Necessary alterations to this datasheet can be made without prior notice.