



Conveyor Strength Cross References

Nitta uses a different strength rating system than most European belt manufacturers. The numbers in our product names (ex. BC-12A) do not represent the tension for one % elongation, but rather are 10% of the tensile strength of the belt (in Newtons per millimeter of belt width). The following table shows what our various belt strengths would be in the more common system. Note that in some cases we use two different numbers to represent one common rating number. Different fabrics have different elongation characteristics, and one belt may be slightly stronger in ultimate tensile strength, but have the same elongation behavior at 1% as a weaker belt.

Nitta Code	Standard Code
7	4
8	5
12	8
14	8
16	10
18	12
20	12
22	12
30	18
33	18