



Excellent fire, heat and oil resistance



Unrivalled versatility



Outstanding belt life expectancy

Heat, oil, fire & abrasion resistant belting

Fenner Dunlop BV GT is a unique and outstanding rubber compound specifically developed by Fenner Dunlop technicians to withstand a multiple combination of some of the toughest and most demanding operating conditions imaginable as well as providing unbeatable belt life expectancy.

The many features of Dunlop BV GT include:

- Heat resistant
- Oil and chemical resistant
- Fire resistant
- Abrasion (wear) resistant
- Anti-static
- Ozone & UV resistant
- REACH compliant (EC 1907/2006)



Oil resistance ASTM 'D' 1460

Conveying materials that contain oil, fat, grease or chemicals can have a very detrimental effect on the performance and life expectancy of a conveyor belt because they penetrate into the rubber causing it to swell and distort.

This can result in serious running problems. Because there are no internationally accepted test methods or standards for oil resistance standards, we apply the American ASTM D 1460 standard, which is recognised as the toughest test method in the world. BV GT is resistant to high concentrations of vegetable and mineral oils, fats, greases, turpentine and even highly aggressive chemicals and acids.



Anti-static EN/ISO 20284

In environments where coal dust, biomass, fertilizer or other combustible elements are involved it is essential that the conveyor belt cannot create static electricity that could ignite the atmosphere. A very important safety feature of all Fenner Dunlop belts is that they are anti-static and conform to EN/ISO 20284 international standards and can therefore be used in ATEX classified areas.



Abrasion (wear) resistance DIN 'X' and ISO 'H'

Rubber that is designed to resist heat, fire or oil invariably has a lower resistance to abrasion (wear). But BV GT is an exception to the rule. In fact the actual abrasion resistance of BV GT even meets the highly demanding DIN 'X' and ISO 'H' international standard for abrasion. This exceptional wear resistance ensures that Fenner Dunlop BV GT combines safety and durability with outstanding lifetime economy.



Fire resistance EN 12882 class 2A and 2B

Having played an instrumental role in the creation of fire resistant conveyor belting, we take great pride in making sure that our fire resistant belts really are the safest conveyor belts in the world. BV GT exceeds* ISO 340 grade K (EN 12882 Class 2A) and is also available in grade S (EN 12882 Class 2B).

**Under ISO 340 test methods, the maximum permissible average self-extinguish.*

With its unique combination of heat, oil, fire and exceptional abrasion resistance, Fenner Dunlop BV GT is the ideal solution for a multitude of demands and environments including the transportation of hot asphalt, wood pellets, bio mass and grain.

Learn more
about **rubber**
compounds



Heat resistance ISO 4195 class T1

Fenner Dunlop BV GT consistently exceeds the requirements demanded by ISO 4195 class T1 and is able to carry hot materials at continuous temperatures up to 150°C and peak temperatures of up to 170°C.

Ozone & UV resistance EN/ISO 1431

At ground level, ozone is a pollutant. Ozone increases the acidity of carbon black surfaces and causes reactions to take place within the molecular structure of the rubber. This results in surface cracking and a decrease in tensile strength. The same consequences apply to exposure to ultra violet light and is referred to as 'UV degradation'. Mandatory ozone resistance testing to EN/ISO 1431 international standards has long been an important part of our routine quality testing processes. Thanks to the special additives used in our rubber compounds, all Fenner Dunlop belts are resistant to the effects of ozone and UV.



REACH compliant EC 1907/2006

REACH Regulation places direct responsibility on the industry to manage the risks from chemicals and to provide safety information. Fenner Dunlop Conveyor Belting was the first major manufacturer of conveyor belts to achieve REACH compliance and we have remained its leading advocate ever since. Unlike a great many of our competitors, we manufacture our own rubber. This enables us to comply with these regulations compared to most other belt manufacturers because we have full control over everything that we do.

REACH stands for Registration, Evaluation, Authorisation and Restriction of Chemicals. It is a regulation implemented by the European Union (EU) to address the production, import, and use of chemicals within its member states. REACH came into force on June 1, 2007, and its primary aim is to improve the protection of human health and the environment from the risks posed by chemicals.

Made in EU

All of our conveyor belts are made exclusively in The Netherlands. This means that we have total control over the quality of our products from start to finish. There are many different types of belt constructions, rubber cover combinations, and specialist products available in the Fenner Dunlop range.



1 Determine the total belt thickness.
Add the sum of the covers to the carcass thickness.

2 Determine the belt weight per m².
excluding belts for which other weights apply

Multiply the sum of the covers by 1.15 and add the result to the carcass weight.

