

DUNLOP BV GT

CONVEYOR BELTS

HEAT, OIL, FIRE & ABRASION RESISTANT BELTING

Dunlop BV GT is a unique and outstanding rubber compound specifically developed by 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)



**EXCELLENT
FIRE, HEAT AND OIL RESISTANCE**



UNRIVALED VERSATILITY



**OUTSTANDING
BELT LIFE EXPECTANCY**

With its unique combination of heat, oil, fire and exceptional abrasion resistance, 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.

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 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.

HELPLINE
+31 (0) 512 585 555

ADDITIONAL INFORMATION
WWW.DUNLOPCB.COM

We are never more than a phone call away when our customers need our help or advice. This service is extremely well supported by our extensive network of highly reputable Dunlop Authorised Distributors, Vulcanisers and Approved Agents.



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 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.

HEAT RESISTANCE

ISO 4195 CLASS T1

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 Dunlop belts are resistant to the effects of ozone and UV.

REACH COMPLIANT

EC 1907/2006

Dunlop Conveyor Belting takes its duty of care towards its employees, its customers and the environment extremely seriously. For this reason, all of our products are fully compliant with REACH (Registration, Evaluation and Authorisation of Chemical substances) regulation EC 1907/2006. These regulations control the use of potentially hazardous chemicals used in manufacturing.



All information and recommendations in this bulletin have been supplied to the best of our knowledge, as accurately as possible and updated to reflect the most recent technological developments. We cannot accept any responsibility for recommendations based solely on this document.