

Rubber Compounds and Properties

GRADE I

RMA Grade I rubber compound

Superior resistance to cutting, gouging and tearing from the impact of large materials

High abrasion resistance and excellent low temperature flexibility

Recommended for service with all kinds of hard, sharp ores, quartz, trap rock, riprap, granite, glass cullet, scrap metal, ballast, etc.

GRADE II

RMA Grade II rubber compound

Durable and long-lasting in abrasive applications

Resistant to cuts and gouges, flexible at lower temperatures

Recommended in rugged applications not requiring the superior resistance of

Ideal for conveying sand and gravel, lime stone, crushed rock, slag, coke, coal, cement rock, phosphate rock and most material weighing between 50 and 120

Ibs. per cubic foot

Moderate Oil Resistant MOR

Economical, static conductive, and moderately oil- and abrasion-resistant

Recommended for handling grain, wood chips and other lightweight materials

NITRILE

Oil resistance prevents sponginess and swelling caused by oily materials such as petroleum-based oils, sludge, sewage and waste materials

NEOPRENE

Neoprene compounds for cover and carcass

Oil-resistant, abrasion-resistant, flame-resistant and static-conductive

Designed for underground applications: mines, power plants, electrical utilities, coal cleaning plants—wherever material may be oily or oil-treated

EPDM HOT SERVICE

Designed for maximum resistance to the effects of hot abrasive loads

Recommended for hot fines to 400°F or loads of coarse material to 450°F, such as clinker, calcined lime, carbon black, and foundry sand