

MINE STAR



Price RUBBER CORP.

**Underground Coal Conveyor Belting
Montgomery, Alabama USA**

MINE STAR FLAME RESISTANT CONVEYOR BELT



MSHA Approved Under 30 C.F.R. Part 14

“AN AMERICAN JUGGERNAUT”

New government mandates mean new rules and regulations for Underground Mining & Mine Operators! Mine Star Flame-Resistant Conveyor Belting is specifically designed to meet these rising demands with the added benefit of mine safety and security of job-matched performance. With enhanced compounding, textiles, and correlating MSHA testing procedures in place, you can be assured to get the most of your investment where greater Tons Per Hour is the name of the game!

COMPOUNDING IS KEY

Stringent compounding and mixing is the key behind each and every Mine Star belt produced for the Coal Fields. An SBR (Styrene-Butadiene Rubber) based compound with good abrasion resistance, low temperature flexibility and troughability, ensures maximum performance under most operating conditions. Underground fires can be disastrous and belt flame resistance has taken an even higher priority to fully self extinguish itself than before. Mine Star's unique formulation and properties improve this resistance as a special chemical reaction releases into H₂O stopping and suppressing the spread of flame cold!

LOW TOXICITY

A key and inherent feature of Mine Star is that it is Halogen Free! Very low smoke arises during burns which is less toxic when compared to previous compounds or comparable belts. This added safety feature is all important where belt entry ways are used to ventilate working sections of mines. Lower toxicity levels equates to a safer mine environment!

VIGILANT MONITORING & TESTING

Final in bound raw materials are thoroughly mixed “in-house” and cross checked by PRC laboratories for added quality and performance assurance. Every Mine Star belt goes through a rigorous testing procedure with a sample of each production run fully “fired” in our test chamber. Physicals are further checked for; Rheology, Adhesion, Tensile, Elongation, Durometer, Specific Gravity, & Abrasion Resistance. All records are fully maintained & documented electronically as part of this official record for prompt examination or audit for any reason!

MINE STAR ADVANTAGES. . .

- ★ **SELF EXTINGUISHING FLAME RESISTANCE!**
- ★ **LOW TOXICITY / HALOGEN FREE!**
- ★ **GREATER COVER TO PLY ADHESIONS!**
- ★ **GOOD ABRASION / LOW TEMPERATURE FLEXIBILITY!**
- ★ **MSHA APPROVED UNDER 30 C.F.R. PART 14!**



Flame Test Chamber



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MSHA BELT SPECIFICATIONS FOR APPROVAL 14 – CBA100007

<u>Compound</u>	<u>Carcass</u>	<u>Covers</u>	<u>Guage</u>
# 34	2 / 400	3/16" x 1/16"	.384"
# 34	2 / 500	3/16" x 1/16"	.418"
# 34	3 / 600	3/16" x 1/16"	.451"
# 34	3 / 750	3/16" x 1/16"	.502"
# 34	4 / 500	3/16" x 1/16"	.442"
# 34	4 / 800	3/16" x 1/16"	.489"
# 34	4 / 1000	3/16" x 1/16"	.566"
# 34	5 / 1000	3/16" x 1/16"	.545"
# 34	5 / 1250	3/16" x 1/16"	.630"

Other constructions / cover thicknesses MSHA pending – Made in U.S.A!



Extruded # 34 Stock



Rheometer / Densi Tech



Abrasion Testor



"Fired" Sample



Press Vulcanizing



Trim Out / Inspection

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