

STEEL-FLEX® CONVEYOR BELTING



*PROVIDING THE WORLD'S MATERIAL HANDLING INDUSTRY  
WITH EFFICIENT, SAFE AND PRODUCTIVE "COMPLETE CONVEYOR SOLUTIONS".*



# **STEEL-FLEX®**

## **CONVEYOR BELTING**

### **HIGH STRENGTH CONVEYOR BELTING!**



**A** STEEL-FLEX™

**STEEL-FLEX™**

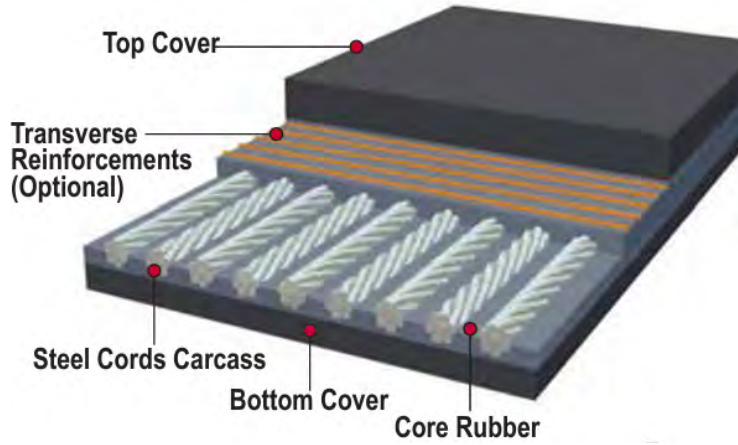
**CONVEYOR BELTING**

High strength conveyor belting!



ASGCO®'s **STEEL-FLEX®** steel cord conveyor belts are engineered for high strength, long-distance and large tonnage conveyor transportation of materials, which are widely seen in bulk shipping port facilities, large mining applications and long-distance conveyor systems.

**PRODUCT CHARACTERISTICS**

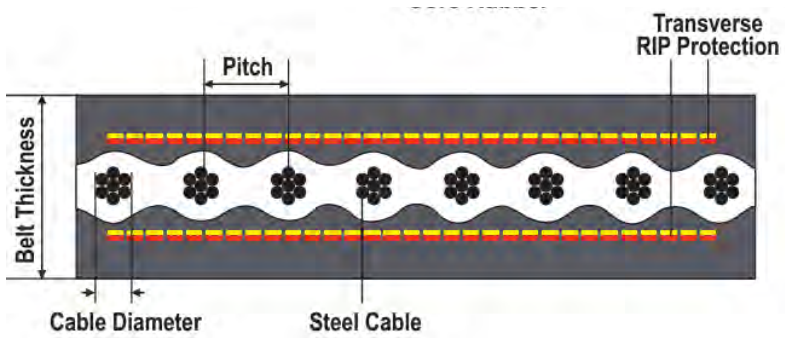
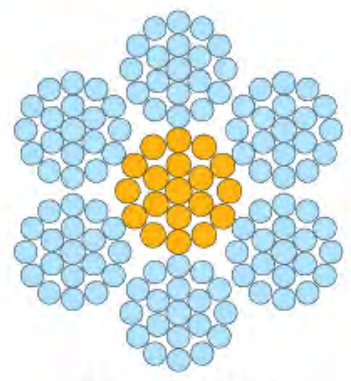


**PRODUCT BENEFITS**

ASGCO®'s **STEEL-FLEX®** is designed to perform in the following application:

- High Tension conveyors
- Long haul conveyors, overland conveyors
- Heavy duty elevator belts

The bond between the core rubber and the metallic surfaces as well as the complete filling of the spaces between the wires are essential for the long-term integrity of the belt carcass. The open cross-lay design ensures that the rubber penetrates thoroughly.



## COVER COMPOUNDS

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**FR2 MSHA 2G** is a fire retardant compound that meets MSHA FR and DIN K (150) requirements.

**FR2 MSHA 2G - AR1** is a fire retardant compound that has excellent abrasion resistance (DIN 110) and meets MSHA FR requirements.

**FR2 MSHA 2G - PART 14** meets MSHA FR underground requirements.

Available in 4 carcass constructions: Standard Plyed, Heavy-Duty Straight warp, Kev-Flex and Steel-Flex.

- Fabric carcasses from 330 to 1500 PIW

- Compounds formulated to reduce belt curling and hardening
- Low rolling resistance bottom covers also available

### COVER CHARACTERISTICS

Compound Widths	24" to 96" Wider Available on Request
Carcass Variety Available	Steel Cable
Common Belt Rating	500 to 5000 PIW
Number of Plies	N/A
Rubber Cover Thickness	1-Ply Belts 2:1, 2-Ply Belts 3:1, 3-Ply Belts 4:1
Edge	Molded Edge Only
Splicing Method	Splice per ASGCO® Recommendation
Packing Available in	Single Roll or Cassette
Belt Identification	Unique Product Identification Number (Pin) Every 33' ft



## STEEL-FLEX™ SPECIFICATIONS CHART

Strength Grade	Tensile Strength (KN/m)	Cord Pitch		Cord Diameter		Min. Breaking Force (KN)	Min. Cover Thickness	
		in	mm	in	mm		in	mm
ST-500	500	.40	10	.10	2.5	5.5	.16	4
ST-630	630	.40	10	.11	2.8	7	.16	4
ST-800	800	.40	10	.12	3	8.9	.16	4
ST-1000	1000	.50	12	.15	3.7	12.9	.16	4
ST-1250	1250	.50	12	.16	4.2	16.1	.16	4
ST-1400	1400	.50	12	.17	4.3	18	.16	4
ST-1600	1600	.50	12	.19	4.7	20.6	.16	4
ST-2000	2000	.50	12	.21	5.3	25.6	.16	4
ST-2250	2250	.50	12	.21	5.3	29	.16	4
ST-2500	2500	.60	15	.27	6.8	40	.20	5
ST-2800	2800	.60	15	.28	7	44.8	.20	5
ST-3150	3150	.60	15	.31	7.8	50.5	.21	5.5
ST-3500	3500	.60	15	.32	8.2	56	.23	6
ST-4000	4000	.60	15	.35	8.8	63.5	.26	6.5
ST-4500	4500	.63	16	.38	9.7	76.3	.28	7
ST-5000	5000	.70	17	.43	10.9	91	.30	7.5



## ASGCO® is one of the largest stocking distributors of conveyor belts in the United States!

ASGCO® is proud to be one of the largest stocking distributors of conveyor belt in the United States. We represent the highest quality conveyor belt manufacturers from around the world to assist our customers in helping make their plant/mine/facility to become more efficient, safe and productive.

As a conveyor belt products distributor, with over 250,000 feet of conveyor belt in stock, ASGCO® is committed to providing all of your conveyor belt product requirements.

- We stock and install any conveyor belt for your facility.
- We stock 18” through 84” wide conveyor belting.

### QUARRY-DUTY™



**Designed tough, to work tough!**

ASGCO's Quarry-Duty™ plied conveyor belting is compounded to provide excellent abrasion resistance and long service life. These belts are normally seen in crushed stone (aggregates), limestone, cement, recycling, wastewater, steel and in the wood industry.



### MINE-PLUS™



**Engineered for tough above and underground mining!**

ASGCO's Mine-Plus™ conveyor belts are constructed with either standard or straight warp fabrics and special covers for coal-power generation, coal preparation plants and other types of above and underground mining applications.



### QUARRY-FLEX®



**The best impact and rip resistant conveyor belting!**

ASGCO's Quarry-Flex® straight warp conveyor belt is engineered to provide excellent rip, tear and impact resistance as seen in hard rock mining, granite, trap rock, recycling, limestone and other conveyor applications hauling heavy, large sharp materials.



### STEEL-FLEX®



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