

The ASGCO logo is displayed in a bold, black, sans-serif font. A registered trademark symbol (®) is located at the top right of the 'O'.

ASGCO®

Complete Conveyor Solutions

STEEL-FLEX™ Conveyor Belting

High Strength and
Abrasion Resistant
Conveyor Belting



Need Solutions...*to improve efficiency, safety and productivity?* **ask... ASGCO®**

www.asgco.com | 800.344.4000 | info@asgco.com

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ASGCO®

Complete Conveyor Solutions

STEEL-FLEXTM CONVEYOR BELTING

ASGCO[®]'s Steel-Flex[™] steel cord conveyor belts are suitable for high strength, long distance, and heavy load transportation of materials, which are widely used in coal mines, hard rock mining, bulk shipping terminals / port facilities, coal-fired power plants and mineral mining.

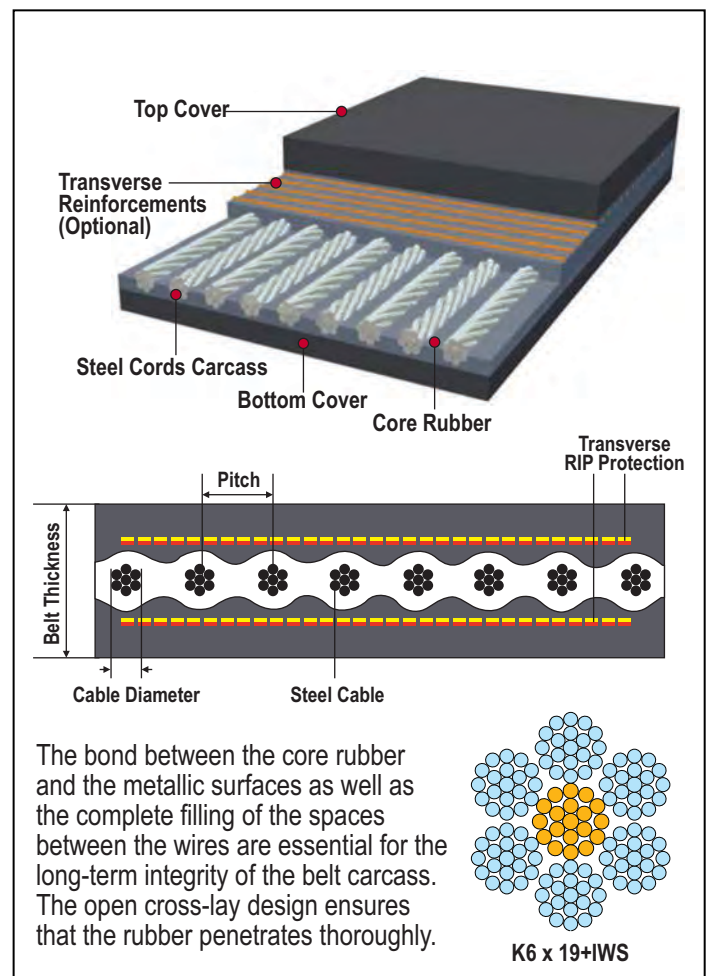
PRODUCT CHARACTERISTICS:

- **Ratings:** ST-500 to ST-5000
- **Top Cover:** .20" (5mm) and above
- **Bottom Cover:** .13 (3mm) and above
- **Common Widths:** up to 96" (2400mm) max
- **Edge:** Molded Edge Only
- **Splicing Method:** Splice per ASGCO[®]

PRODUCT BENEFITS:

ASGCO[®] Steel-Flex[™] is designed to perform in the following application:

- High Tension conveyors
- Long haul conveyors, overland conveyors
- Short, high speed feeder belts prone to rip and tear due to tramp material
- Heat Resistant belts prone to "burn through"
- Heavy duty elevator belts



STANDARD SPECIFICATION

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
ST-5400	5400	.70	17	.44	11.3	98.2	.31	8
ST-6300	6300	.80	19.5	.50	12.8	130.4	.40	10
ST-7000	7000	.80	19.5	.53	13.5	142.4	.40	10
ST-7500	7500	.83	21	.54	13.8	166.7	.40	10
ST-8000	8000	.83	21	.55	14	180.9	.40	10
ST-9000	9000	.83	21	.58	14.8	203.2	.43	11
ST-10000	10000	.83	21	.60	15.5	225	.43	11

COVER COMPOUNDS:

AR1 (ARPM Grade 1)

- Cover compound is designed for high impact applications, where cutting, gouging and tearing of the covers is a primary concern.
- Ultimate high tensile strength rubber compounds that combines the best of impact and abrasion resistance.
- Meets ASTM DIN W (90 mm³) standard specification which exceeds RMA Grade 1 requirements.

AR2 (ARPM Grade II)

- Cover compound is designed for good abrasion, cut and gouge resistance.
- Recommended for most abrasive conveying applications, such as aggregates, limestone, recycling, sand and gravel.
- Meets ASTM (175 mm³) standard specification which exceeds RMA Grade II requirements.

FR2 (ARPM Grade II)

- Fire retardant/abrasion resistant compound that meets ARPM-FR Class 2
- Recommended for power generation facilities, above ground coal or non-coal mining and coal prep plants.
- FR2 is fully ozone, UV and abrasion resistant.
- MSHA Part 14, low rolling resistant and other covers available.



Wear Resistant



Heat Resistant



Fire Resistant



Oil Resistant



Energy Saving



ASGCO® “Complete Conveyor Solutions”

Nazareth, PA (Headquarters)

730 Bangor Road
Nazareth, PA 18064
800-344-4000
Fax: 610-778-8991

Marriottsville, MD

798 Marriottsville Road,
Marriottsville, MD 21104
410-442-5122
Fax: 410-442-5188

Rockville, Virginia

2371 Lanier Road
Rockville, VA 23146
804-719-9442
Fax: 804-719-9441

Harper, West Virginia

183 Angle Drive
Harper, WV 25851
304-252-5260
Fax: 304-934-8188