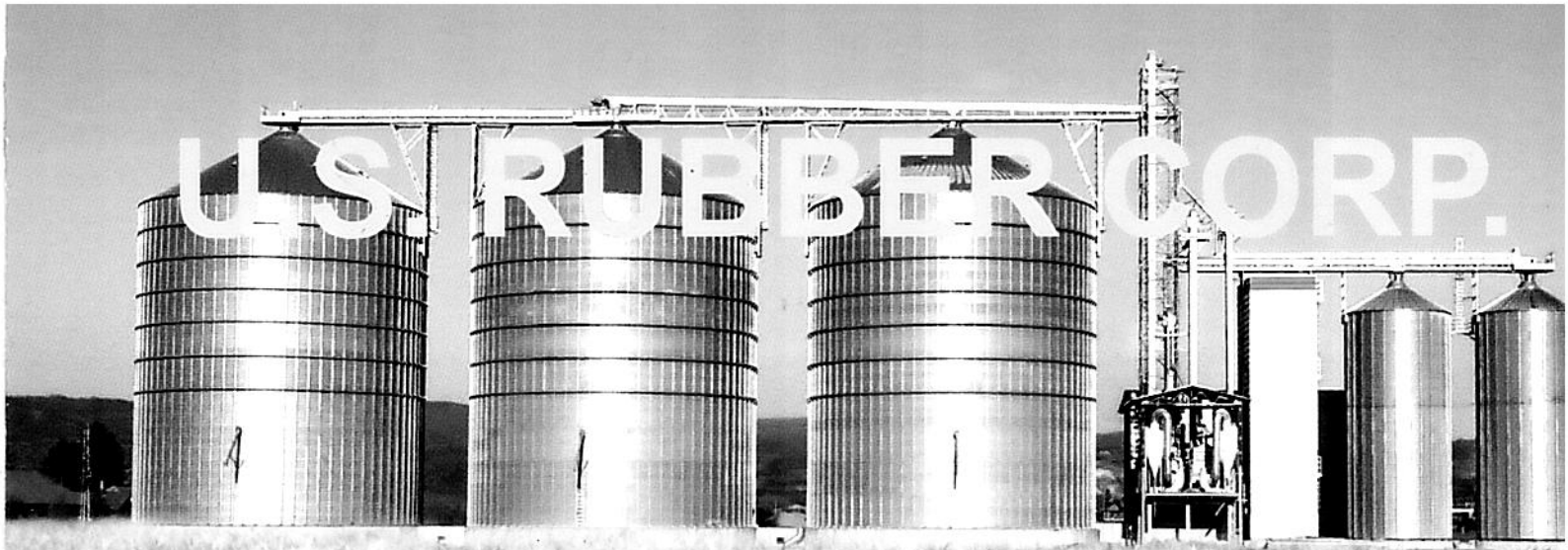
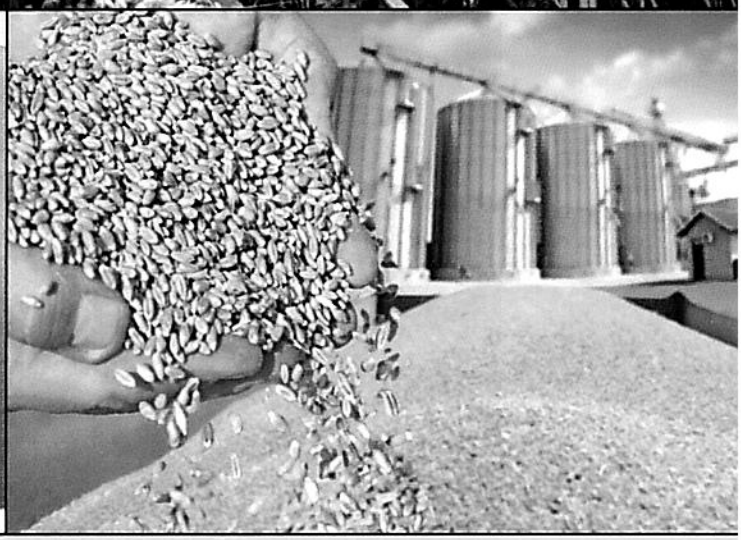


GRAIN SERVICE PREFERRED CONVEYOR BELTING



Manufactured in the USA

US Rubber Corp's Grain Handling belt provides exceptionally low electrical resistance while maintaining a maximum level of oil resistance ensuring a high level of performance in the tough operating conditions at grain handling facilities. Our heavy duty Load Star poly/nylon fabric provides exceptional resistance to bolt pull-out along with very low elongation resulting in reduced downtime and extended belt life.

U.S. RUBBER CORPORATION 211 NORTH LOOP 336 E., CONROE TX 77301 SALES 800-872-3587

U.S. RUBBER CORP.

LOAD STAR SPECIFICATIONS

LOAD STAR	FABRIC STYLE	LOAD STAR 110			LOAD STAR 125			LOAD STAR 150			
SPECIFICATIONS	BELT STYLE	2-220	3-330	4-440	2-250	3-375	4-500	2-300	3-450	4-600	5-
Number of Plies		2	3	4	2	3	4	2	3	4	
Working Strength PIW	Mechanical	220	330	440	250	375	500	300	450	600	7
Rating pounds PIW	Vulcanized	220	330	440	250	375	500	330	500	660	8
Approx. Carcass Gauge		.116	.165	.215	.128	.186	.247	.160	.206	.280	.3
Approx. Carcass Wt. PIW/ft		.060	.080	.115	060	.092	.130	.105	.115	.152	.1
Average Cover Wt. per 1/16"	Gauge PIW/ft.	.033	.033	.033	.033	.033	.033	.033	.033	.033	.0
Impact Rating (Foot-Pounds)		460	665	875	490	728	1031	680	994	1310	14
CONVEYOR BELT CRITERIA											
MINIMUM PULLEY DIAMETER											
81-100% TENSION		16"	18"	24"	16"	18"	24"	16"	22"	28"	3
61-80% TENSION		14"	16"	20"	14"	16"	20"	14"	18"	22"	2
UP TO 60% TENSION		10"	12"	16"	12"	14"	18"	12"	16"	20"	2
MINIMUM BELT WIDTH FOR EMPTY BELT TROUGHING											
20 Degree Idlers		16"	24"	30"	16"	24"	30"	18"	24"	30"	3
35 Degree Idlers		18"	24"	30"	18"	24"	30"	24"	30"	36"	3
45 Degree Idlers		30"	30"	36"	24"	30"	36"	24"	30"	36"	4
MAXIMUM BELT WIDTH FOR LOAD SUPPORT											
20 Degree Idlers	0-40 #/CU.FT.	54"	66"	72"	54"	72"	72"	72"	72"	72"	7
	41-80 #/CU.FT.	42"	60"	72"	48"	60"	72"	60"	66"	72"	7
	81-120 #/CU.FT.	42"	54"	72"	42"	54"	72"	54"	60"	72"	7
	Over 120 #/CU.FT.	36"	48"	60"	36"	48"	60"	48"	54"	66"	7
35 Degree Idlers	0-40 #/CU.FT.	48"	60"	72"	48"	60"	72"	60"	66"	72"	7
	41-80 #/CU.FT.	42"	54"	66"	42"	60"	60"	54"	60"	72"	7
	81-120 #/CU.FT.	36"	48"	60"	42"	54"	60"	48"	54"	66"	7
	Over 120 #/CU.FT.	30"	42"	54"	30"	42"	54"	42"	48"	60"	6
45 Degree Idlers	0-40 #/CU.FT.	48"	54"	72"	48"	54"	72"	60"	60"	72"	7
	41-80 #/CU.FT.	36"	48"	60"	36"	48"	54"	48"	54"	66"	7
	81-120 #/CU.FT.	30"	42"	54"	30"	48"	54"	42"	48"	60"	6
	Over 120 #/CU.FT.	30"	36"	48"	NR	36"	48"	36"	42"	54"	6
ELEVATOR BELT CRITERIA											
ELEVATOR TENSION RATINGS (PIW)		190	280	370	200	290	385	260	390	520	6
MINIMUM PULLEY DIAMETERS											
81-100% Tension		18"	18"	24"	16"	18"	24"	18"	22"	30"	3
61-80% Tension		16"	16"	20"	14"	16"	22"	16"	20"	24"	3
Up to 60% Tension		12"	14"	18"	12"	14"	20"	14"	18"	20"	2
MAXIMUM BUCKET PROJECTION											
100# 'CU.FT.I" OR LESS											
Spaced Industrial		6"	7"	10"	7"	8"	10"	7"	9"	10"	1
Continuous Industrial		5"	7"	10"	6"	8"	10"	7"	9"	12"	1

- Fastener selection is based on belt thickness, pulley diameters and working tension of the belt. Please refer to fastener manufacturer's specifications for proper fastener selection.

U.S. RUBBER CORP.

LOAD STAR SPECIFICATIONS

LOAD STAR 200					LOAD STAR 250			LOAD STAR 300				LOAD STAR 300		
2-400	3-600	4-800	5-1000	6-1200	2-500	3-750	4-1000	2-600	3-900	4-1200	5-1500	2-800	3-1200	4-1600
2	3	4	5	6	2	3	4	2	3	4	5	2	3	4
400	600	800	1000	1200	500	750	1000	600	900	1200	1500	800	1200	1600
440	660	880	1100	1320	550	825	1100	660	990	1320	1650	880	1320	1760
.163	.225	.300	.379	.453	.200	.280	.380	.240	.370	.510	.660	.300	.450	.630
.105	.115	.152	.194	.235	.108	.152	.206	.130	.200	.276	.358	.164	.244	.341
.033	.033	.033	.033	.033	.033	.033	.033	.033	.033	.033	.033	.033	.033	.033
805	1000	1135	1220	1290	915	1115	1165	930	1130	1240	1300			
18”	24”	30”	36”	42”	24”	30”	36”	22”	36”	42”	45”			
16”	20”	24”	30”	36”	20”	24”	30”	18”	30”	33”	40”			
14”	18”	20”	24”	30”	18”	20”	24”	16”	26”	30”	33”			
24”	30”	36”	42”	48”	30”	36”	42”	30”	42”	48”	54”			
30”	30”	36”	42”	48”	36”	36”	42”	30”	42”	48”	54”			
30”	36”	42”	48”	54”	36”	42”	48”	36”	48”	54”	60”			
66”	72”	72”	72”	72”	72”	72”	72”	72”	72”	72”	72”			
60”	72”	72”	72”	72”	66”	72”	72”	72”	72”	72”	72”			
54”	72”	72”	72”	72”	60”	72”	72”	60”	72”	72”	72”			
48”	60”	72”	72”	72”	54”	60”	72”	54”	60”	72”	72”			
66”	72”	72”	72”	72”	72”	72”	72”	72”	72”	72”	72”			
60”	60”	72”	72”	72”	66”	66”	72”	60”	72”	72”	72”			
54”	60”	72”	72”	72”	60”	66”	72”	54”	72”	72”	72”			
48”	54”	60”	66”	72”	54”	60”	72”	48”	60”	72”	72”			
60”	72”	72”	72”	72”	66”	66”	72”	72”	66”	72”	72”			
54”	54”	72”	72”	72”	60”	66”	72”	54”	60”	72”	72”			
48”	54”	60”	72”	72”	54”	54”	72”	48”	60”	72”	72”			
42”	48”	54”	60”	72”	48”	48”	72”	42”	54”	72”	72”			
345	520	690	870	1030	425	630	850	520	755	1015	1215			
22”	26”	36”	42”	48”	26”	32”	42”	24”	36”	45”	54”			
20”	24”	30”	36”	42”	24”	28”	36”	22”	30”	38”	48”			
18”	22”	24”	30”	36”	22”	26”	30”	20”	28”	33”	42”			
9”	10”	11”	12”	12”	10”	11”	12”	10”	11”	12”	12”			
9”	12”	14”	16”	20”	11”	14”	16”	8”	13”	16”	18”			

- Minimum pulley diameters are dependent on the type of splice, fastener used, belt tension and belt tension required.
- Troughabilly and Load Support can be dependent on cover gauges and compounds used.
- Impact rating is based on the use of proper rubber impact idlers or bed plus proper loading and transfer conditions. Rating are based on 10% lumps and 90% fines or sized material up to 4" lumps. If proper impact idlers or beds are not used, impact rating is downgraded by half or less depending upon the conditions.

U.S. RUBBER CORPORATION 211 NORTH LOOP 336 E., CONROE TX 77301 SALES 800-872-3587

GRAIN SERVICE CONVEYOR BELTS

GRAIN SERVICE PREFERRED (SCORF)

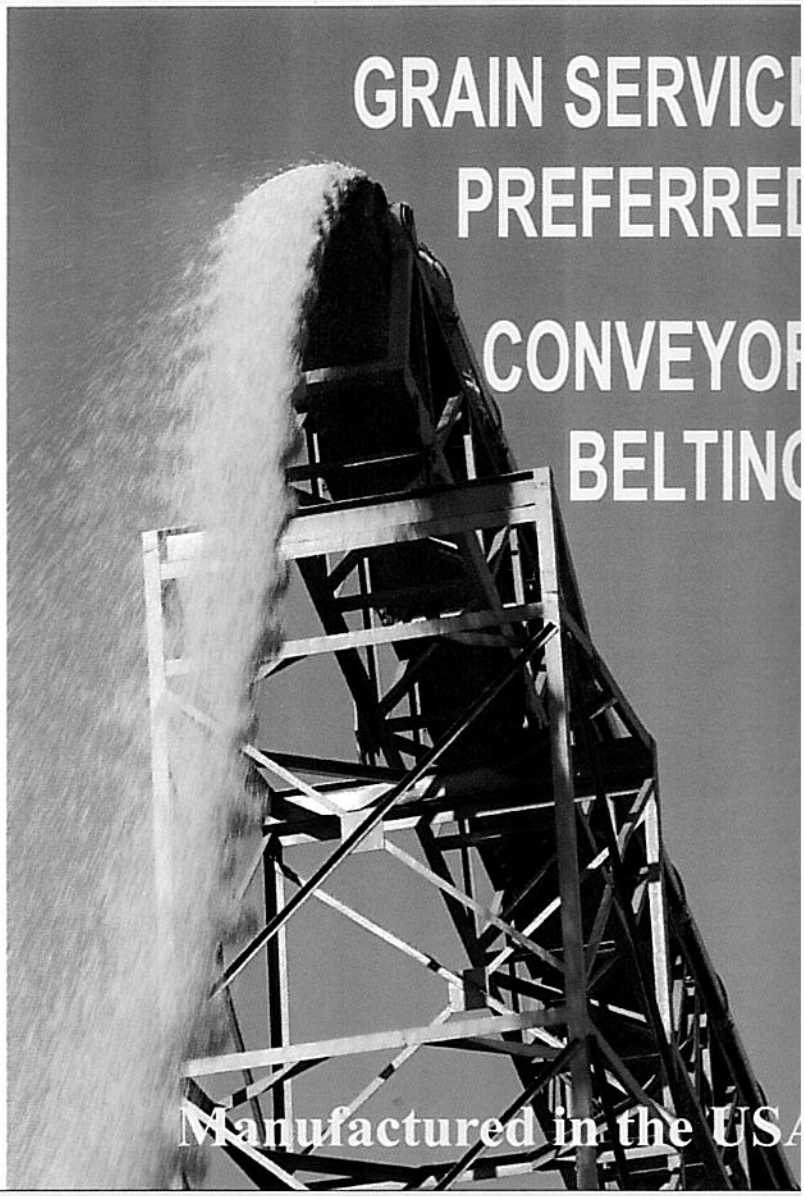
A premium Static conductive, Oil Resistant, Flame retardant compound designed to provide reliable service to all grain markets.

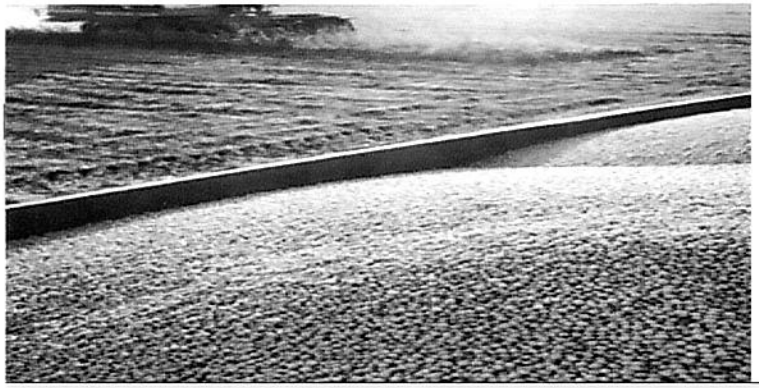
These rubber compounds have superior oil resistance. The rubber meets ASTM D378-10-13-2 requirements. They also meets OSHA static conductive requirements. Recommended service temperature -30 to 200 degrees F.

US Rubber Corp. manufactures all name retardant belting to requirements set forth by the code of Federal Regulations, Title 30, Section 18.65 part (2-G), administered by the Mine Safety and Health Administration ASTM D378 committee.

The static conductivity of these compounds exceeds the requirements as set forth by OSHA; tested by ISO 284 and EN13462-1 procedures.

U.S. Rubber Corp. Flame Retardant / Anti-static belting products are certified by Mine Safety and Health Administration: Corporate designation 28/81.





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