

Market: Grain

Applications: grains, elevators, feed silos, milling and other agricultural applications requiring durability, oil and cold temperature resistance

Grain Master®

Grain Master's PSR® carcass delivers high strength along with low elongation and excellent fastener holding properties.

Features & Benefits

- ▶ Strong rip & tear resistance
- ▶ Meets or exceeds OSHA requirements for conductivity & flame resistance
- ▶ Variety of cover compounds available to guard against oil and cold temperatures

UGH 2.0- Ultra Grain Handler 2.0 for maximum oil resistance

CGH 2.0- Classic Grain Handler 2.0 Temperature range of -40° F to 200°F

Low cost per ton!

Improved product offering!

Grain Master Supreme®

Grain Master Supreme® is produced with an UsFlex® carcass to provide maximum rip and tear resistance coupled with superior bolt retention properties.

Features & Benefits

- ▶ Superior rip & tear resistance
- ▶ Unsurpassed bolt retention
- ▶ Unequaled ply and cover adhesions
- ▶ Excellent tracking characteristics
- ▶ Meets or exceeds OSHA requirements for conductivity & flame resistance
- ▶ Variety of cover compounds available to guard against oil and cold temperatures

UGH 2.0- Ultra Grain Handler 2.0 for maximum oil resistance

CGH 2.0- Classic Grain Handler 2.0 Temperature range of -40° F to 200°F

Best Product for Grain Elevators!

Constantly moving forward!

www.fennerdunlopamericas.com

100% Safe Behavior & Conditions – Today

Grain Master®

General Data

Carcass Style	2-160	2-220	2-300	3-330	3-375	2-400	4-440	3-450	3-600RT	3-600	4-600	6-660	3-750	4-800	3-900	4-1000	5-1000	6-1200
Number of Plies	2	2	2	3	3	2	4	3	3	3	4	6	3	4	3	4	5	6
Carcass Gauge (in)	0.1100	0.1000	0.1500	0.1300	0.1900	0.1900	0.1700	0.1800	0.2000	0.2300	0.2500	0.3900	0.2500	0.3100	0.2900	0.3500	0.3900	0.4700
Weight (lbs/in/ft)	0.0516	0.0456	0.0648	0.0636	0.0876	0.0816	0.0828	0.0804	0.0984	0.1080	0.1128	0.1800	0.1152	0.1524	0.1296	0.1716	0.1956	0.2400
Elastic Modulus (lbs/in)	26,000	26,000	37,000	29,000	35,000	44,000	46,000	47,000	47,000	72,000	57,000	60,000	72,000	82,000	94,000	90,000	105,000	132,000
Safety Factor	10:01	8:01	10:01	8:01	10:01	10:01	8:01	10:01	8:01	10:01	10:01	10:01	10:01	8:01	8:01	8:01	8:01	8:01

Conveyor Belt Specs

Troughability	20 deg	14	14	18	20	20	20	24	24	24	28	30	36	30	30	30	36	36	42
Min Belt Width (in)	35 deg	18	18	20	24	24	24	30	30	30	30	36	36	36	36	36	42	42	48
	45 deg	-	18	28	30	30	30	36	36	36	36	42	42	42	42	42	48	48	54
Load Support	20 deg (0-40 lbs/ft ³)	36	42	72	60	72	66	72	72	72	72	72	84	72	72	84	72	72	72
Max Belt Width (in)	35 deg (0-40 lbs/ft ³)	36	36	60	54	60	60	60	72	66	72	72	84	72	72	84	72	72	72
	45 deg (0-40 lbs/ft ³)	30	36	60	48	60	54	60	72	60	72	72	84	72	72	72	72	72	72
Minimum Pulley Diameters	80%-100% belt rated tension	14	16	20	20	20	20	24	26	22	24	28	36	30	30	32	36	36	48
	60%-80% belt rated tension	12	14	16	18	18	16	20	20	18	20	24	30	24	24	26	32	32	40
	40%-60% belt rated tension	10	12	14	14	16	14	16	16	16	18	20	24	20	20	20	24	26	32
	0%-40% belt rated tension	10	12	14	14	16	14	18	16	16	18	20	24	20	20	20	24	26	32

Elevator Belt Specs

Maximum Tension Rating (PIW)	Agriculture	120	190	260	280	320	345	370	390	390	520	520	560	645	690	765	870	870	1030
	Industrial	100	170	230	250	290	310	330	350	350	465	465	495	580	620	695	775	775	930
Minimum Pulley Diameters (in)	80%-100%	16	16	18	20	20	20	26	22	22	30	32	36	34	36	34	42	48	48
	60%-80%	14	14	16	18	18	18	20	20	20	24	26	30	28	30	28	36	36	42
	0%-60%	12	12	14	16	16	16	16	18	18	20	22	24	22	24	22	30	30	36
Maximum Bucket Projection (in)	Agriculture	6	6	7	8	9	10	10	10	10	10	11	10	11	11	11	12	12	12
	Industrial	-	5	6	7	8	9	10	9	9	12	12	12	14	14	14	16	16	20

Troughability and Load Support values can be influenced by certain cover gauge and compound combinations used. When in doubt, please contact your FDA representative for selection guidance.



Contact your local Fenner Dunlop Distributor or Fenner Dunlop Industrial Sales at
800-661-2358 to place your orders today!

To find your local distributor visit www.fennerdunlopamericas.com

**Grain
Master
Supreme®**

General Data

Carcass Style	S3	S4	S5	D5	D6	D8	D10	D12	D15
Number of Plies	1	1	1	2	2	2	2	2	2
Carcass Gauge (in)	0.1390	0.1420	0.1690	0.2340	0.2700	0.3000	0.3200	0.3880	0.4390
Weight (lbs/in/ft)	0.042	0.0432	0.0564	0.096	0.1116	0.1236	0.137	0.162	0.1872
Elastic Modulus (lbs/in)	35,000	45,000	50,000	45,000	50,000	60,000	70,000	85,000	90,000
Safety Factor	10:01	10:01	10:01	10:01	10:01	8:01	8:01	8:01	8:01

Troughability and Load Support values can be influenced by certain cover gauge and compound combinations used. When in doubt, please contact your FDA representative for selection guidance.

Conveyor Belt Specs

Troughability	20 deg	20	24	24	24	24	30	30	30	30
Min Belt Width (in)	35 deg	24	30	30	30	30	36	36	36	36
	45 deg	30	36	36	36	36	42	42	42	42
Load Support	20 deg (0-40 lbs/ft³)	72	84	84	84	84	84	84	84	84
	35 deg (0-40 lbs/ft³)	66	72	72	84	84	84	84	84	84
	45 deg (0-40 lbs/ft³)	54	60	66	72	84	84	84	84	84
Minimum Pulley Diameters	80%-100% belt rated tension	18	20	20	24	30	36	36	36	36
	60%-80% belt rated tension	16	18	18	20	24	24	30	30	30
	40%-60% belt rated tension	14	16	16	18	20	20	24	24	24
	0%-40% belt rated tension	14	16	16	18	20	20	24	24	24

Elevator Belt Specs

Maximum Tension Rating (PIW)	Agriculture	280	370	440	440	550	690	870	1060	1150
	Industrial	250	330	400	400	480	620	775	940	1050
Minimum Pulley Diameters (in)	80%-100%	18	20	24	20	30	36	36	36	36
	60%-80%	16	18	20	18	24	24	30	30	30
	0%-60%	14	16	18	16	20	20	24	24	24
Maximum Bucket Projection (in)	Agriculture	10	10	10	12	14	15	16	17	18
	Industrial	9	10	12	13	15	16	18	20	22

Ask
about our
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products

