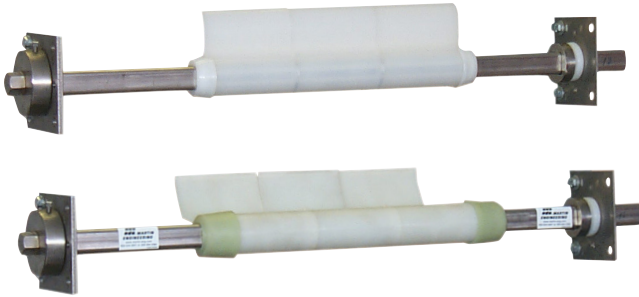


Martin® Food Grade Cleaner



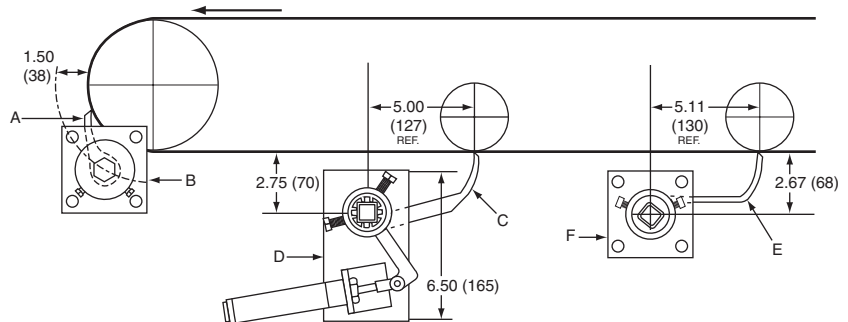
The [Martin® Food Grade Cleaner](#) System is engineered to fit the conveyor specifications and cleaning requirements of the food processing and packaging industries.

SPECIFICATIONS

Materials Used	Service Temperature	Acceptable Under FDA Regulations CFR21	Chemical Resistance Rating/ Food Material	Tensioner Mount & Mainframe Material	Amount of Wear in Life in. (mm)	Maximum Belt Speed fpm (m/sec)
PRE-CLEANER						
Polyethylene (Low Density)	-20° to 140°F (-29° to 60°C)	177.1520	Very Good	304 SS High-Density Polyethylene	1 (25)	200 (1.02)
Nylon	-40° to 380°F (-40° to 193°C)	177.1500	Good	304 SS & Nylon	1 (25)	350 (1.78)
SECONDARY CLEANER						
Polyethylene (Low Density)	-20° to 160°F (-29° to 71°C)	177.1520	Excellent	304 SS High-Density Polyethylene	1.5 (38)	250 (1.27)
Nylon	-40° to 380°F (-40° to 193°C)	177.1500	Good	304 SS & Nylon	1.5 (38)	350 (1.78)

TYPICAL INSTALLATIONS

	P/N
A. Martin® Food Grade Pre-Cleaner	33035-XXX
B. Martin® Internal Spring Tensioner	33036
C. Martin® Food Grade Secondary Cleaner	31369-XXX
D. Martin® Food Grade Air Tensioner	31348-XXX
E. Martin® Food Grade Hub Mount Tensioner	31368-XXX



Any Martin® Food Grade Tensioner may be used with any Martin® Food Grade Secondary or Pre-Cleaner.

TECHNICAL DATA SHEET

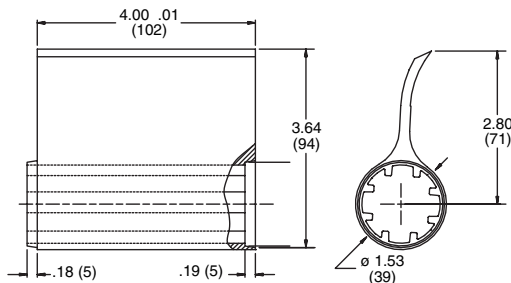
TECHNICAL DATA

Martin® Food Grade Pre-Cleaner					
Belt Width in. (mm)*	Blade Quantity	Pre-Cleaner Assembly**	Ship Weight lb (kg)	Pre-Cleaner Assembly** with Spring Tensioner	Ship Weight lb (kg)
4 (102)	1	33035-04X	9 (4.1)	33051-04X	17 (7.7)
8 (203)	2	33035-08X	12 (5.4)	33051-08X	20 (9.1)
12 (305)	3	33035-12X	15 (6.8)	33051-12X	23 (10.5)
18 (457)	4	33035-18X	18 (8.2)	33051-18X	26 (11.8)
24 (610)	6	33035-24X	23 (10.4)	33051-24X	31 (14.0)
30 (762)	7	33035-30X	25 (11.3)	33051-30X	33 (15.0)
36 (914)	8	33035-36X	27 (12.2)	33051-36X	45 (20.5)
42 (1067)	10	33035-42X	30 (13.6)	33051-42X	48 (21.8)
44 (1118)	11	33035-44X	31 (14.1)	33051-44X	40 (18.1)
48 (1219)	12	33035-48X	33 (15.0)	33051-48X	51 (23.2)

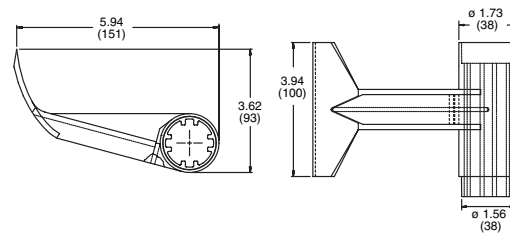
* Metric Measurements represent a conversion of belt width in inches, rather than a standard metric belt size. Select features that best fit your circumstances.

** NOMENCLATURE:
Replace the X with blade type (P for Polyethylene or N for Nylon)

Martin® Food Grade Pre-Cleaner



Martin® Food Grade Secondary Cleaner



Martin® Food Grade Secondary Cleaner					
Belt Width in. (mm)*	Blade Quantity	Secondary Assembly**	Ship Weight lb (kg)	Secondary Assembly** with Spring Tensioner	Ship Weight lb (kg)
4 (102)	1	31369-04X	8 (3.6)	33480-04X	16 (7.3)
8 (203)	2	31369-08X	10 (4.5)	33480-08X	18 (8.2)
12 (305)	3	31369-12X	11 (5.0)	33480-12X	16 (7.3)
18 (457)	4	31369-18X	12 (5.4)	33480-18X	22 (10.0)
24 (610)	6	31369-24X	14 (6.3)	33480-24X	26 (11.8)
30 (762)	7	31369-30X	15 (6.8)	33480-30X	30 (13.6)
36 (914)	8	31369-36X	17 (7.7)	33480-36X	38 (17.3)
42 (1067)	10	31369-42X	18 (8.2)	33480-42X	42 (19.1)
48 (1219)	12	31369-48X	20 (9.1)	33480-48X	44 (20.0)

For requirements other than standards listed above, contact a Martin Engineering Conveyor Specialist.



Martin Engineering USA
One Martin Place
Neponset, IL 61345-9766 USA
800 544 2947 or 309 852 2384
Fax 800 814 1553
www.martin-eng.com

**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001:2008 =**

Problem Solved™ GUARANTEED!

Form No. L3370-08/08/12
© Martin Engineering Company 1997, 2012