

# TOUGHMAT™

## IBO/OBO & DRY-OFF OVEN MATS

ToughMat™ PTFE Coated Oven Mats combine low energy absorption with a superior surface to provide an effective conveying solution for can making operations. The proprietary design and construction ensures a long operating life and uses a fiberglass mesh for ovens and Kevlar® for dry-off ovens.

COMPLETE TECHNICAL DATA IS AVAILABLE ON OUR WEBSITE [WWW.ASHWORTH.COM](http://WWW.ASHWORTH.COM)



### FEATURES & BENEFITS

#### ENERGY EFFICIENT AND DURABLE

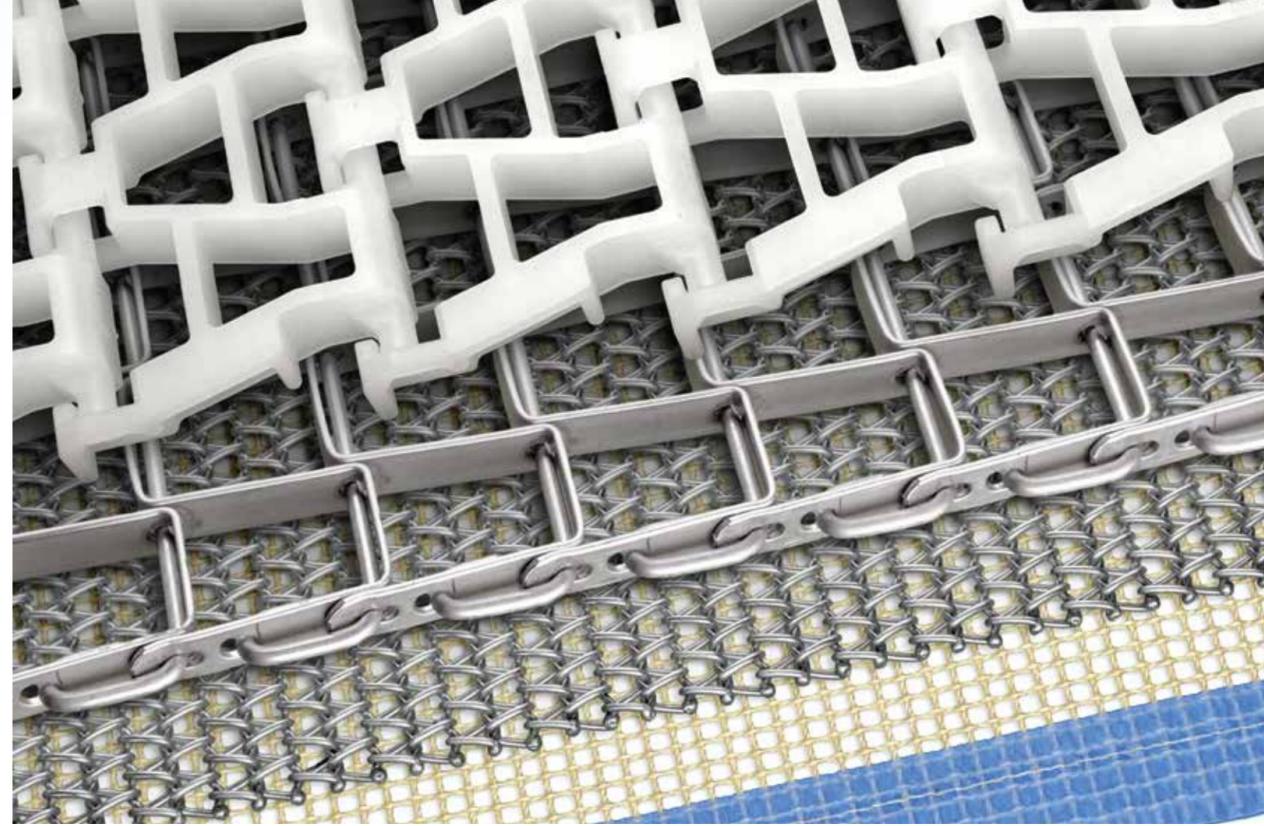
- The proprietary design and construction is lightweight, exceptionally strong, and minimizes energy use when heating IBOs, OBOs, or dry-off ovens

#### TEMPERATURE & DIMENSIONAL STABILITY

- ToughMat™ operates and remains stable even under normal mechanical loads from 100°F to 500°F (38° C to 260° C)

#### SMOOTH TRANSFERS & EXCELLENT RELEASE

- The low profile provides smooth transfers at dead plates and the PTFE coating has excellent release properties even at high temperatures



# CANMAKER BEDLINER

THE COMBINATION OF A METAL BELT AND PLASTIC LINER CAN COST LESS THAN HALF THE PRICE OF A PLASTIC BELT.



### ASHWORTH'S PLASTIC BED LINERS CAN EXTEND BELT LIFE UP TO A DECADE OR LONGER

Can washers constructed with metal belts that ride directly on metal beds are prone to deterioration due to the persistent metal-on-metal contact that occurs during operation.

By installing a plastic bed liner from Ashworth Bros., Inc., companies can prolong the need for bed replacement and extend belt life up to a decade or longer.

A new metal bed can cost as much as \$50,000. To avoid the high-cost, companies turn to Ashworth's plastic bed liners.

Ashworth bed liners are made from engineered plastics that are highly resistant to chemicals, high temperatures, wear and tear.

CHEMGUARD™ FLAT WIRE CLEATRAC® TOUGHMAT™

## YOUR TRUSTED PARTNER FOR SUCCESS

Companies around the world depend on Ashworth's quality products, reliable customer service, and innovative solutions to resolve problems and increase productivity. Ashworth Factory Service offers a full range of engineering services, including system refurbishment, troubleshooting, and belt installation.

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Winchester, VA 22601  
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[ASHWORTH.COM](http://ASHWORTH.COM)

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# CAN MAKING CONVEYOR BELTS

WASHER, IBO/OBO, & DRY-OFF OVEN MATS

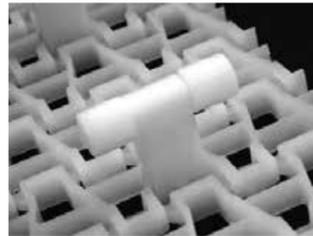


# CHEM GUARD™

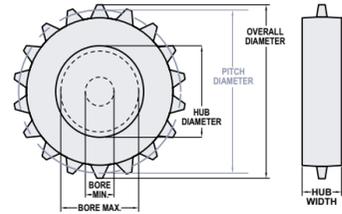
## WASHER HOLD-DOWN MATS

ChemGuard™ is the ultimate solution for critical washer hold-down applications. The open design provides maximum chemistry exposure, and the UHMWPE belt material resists acid attack to prevent belt growth and breakage, increasing belt life from months to years.

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Optional UHMWPE Hanger Brackets



Chemguard Sprocket

UHMWPE Drive Sprockets for ChemGuard Hold-Down Mats							
Nom. Size	Teeth	Overall Diameter in (mm)	Pitch Diameter in (mm)	Hub Diameter in (mm)	Hub Width in (mm)	Bore Min. in (mm)	Bore Max.* in (mm)
#8	13	8.44 (214.4)	8.36 (212.3)	7.50 (190.5)	2.00 (50.8)	1.00 (25.4)	5.13 (130.2)
#12	20	12.95 (328.9)	12.78 (324.7)	12.02 (305.3)	2.00 (50.8)	1.00 (25.4)	8.94 (227.1)

The maximum operating temperature for UHMWPE sprockets is 150°F (66°C)  
 \* Maximum bores provide adequate material thickness for standard keyway. Specify special sizes to be used when necessary.

### FEATURES & BENEFITS

#### LONGER BELT LIFE & EFFICIENT PERFORMANCE

- UHMWPE belt material resists chemical absorption that causes belt growth
- Years of expected belt life
- Large open area provides maximum exposure to the chemistry

#### LOWER MAINTENANCE COSTS & SAFE INSTALLATION

- Replaces your Prestoflex hold-down mats and is driven by your current sprockets
- Easy to assemble and repair with unique connectorless construction
- Smooth edges prevent hand cuts and injuries during handling

# FLAT WIRE

## WASHER, IBO/OBO, & DRY-OFF OVEN MATS

Ashworth stainless steel Flat Wire Mats have been the industry standard in can washers, IBO/OBOs and dry-off ovens for more than 60 years. Using high quality 316 stainless steel, these belts are engineered and manufactured to strict tolerances resulting in a longer belt life.

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Nom. Size	Teeth	Overall Diameter in (mm)	Pitch Diameter in (mm)	Hub Diameter in (mm)	Hub Width in (mm)	Bore Min. in (mm)	Bore Max.* in (mm)
<b>Stainless Steel Drive Sprockets for Flat Wire Washer Mats</b>							
#6	18	6.48 (164.6)	6.17 (156.7)	4.00 (101.6)	1.50 (38.1)	0.75 (19.1)	3.50 (88.9)
#8	23	8.20 (208.3)	7.89 (200.4)	4.50 (114.3)	1.50 (38.1)	0.75 (19.1)	4.50 (114.3)
<b>Cast Iron Drive Sprockets for Flat Wire Oven Mat</b>							
#6	18	6.48 (164.6)	6.17 (156.7)	4.00 (101.6)	1.50 (38.1)	0.75 (19.1)	3.50 (88.9)
#8	23	8.20 (208.3)	7.89 (200.4)	4.50 (114.3)	1.50 (38.1)	0.75 (19.1)	4.50 (114.3)
<b>UHMWPE Drive Sprockets for Flat Wire Mat</b>							
#4	22	4.19 (106.4)	3.81 (96.8)	3.39 (86.1)	1.00 (25.4)	0.75 (19.1)	2.25 (57.2)
#6	38	6.94 (176.3)	6.56 (166.6)	6.17 (156.7)	1.00 (25.4)	0.75 (19.1)	4.00 (101.6)
#8	46	7.95 (201.9)	7.94 (201.7)	7.55 (191.8)	2.00 (50.8)	1.00 (25.4)	5.00 (127.0)

The maximum operating temperature for UHMWPE sprockets is 150°F (66°C)  
 \* Maximum bore size listed for UHMW material is based on 1/2" (12.7 mm) of material above keyway

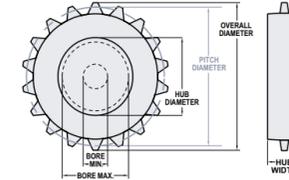
### FEATURES & BENEFITS

#### EFFICIENT PERFORMANCE

- Maximum open area minimizes spray deflection
- Acid resistant steel for harsh environments
- Clinched edges for increased strength

#### PROVEN RELIABILITY

- Precision manufacturing using the industry's tightest tolerances for increased belt life and smooth operation



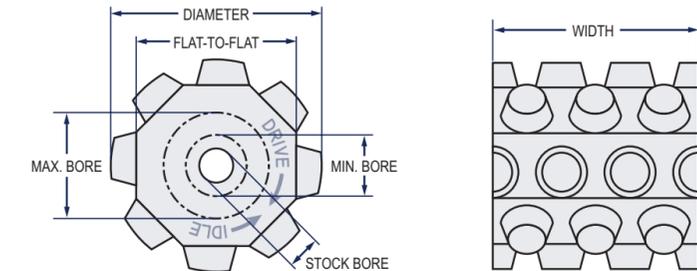
Flat Wire Sprocket

# CLEATRAC®

## IBO/OBO & DRY-OFF OVEN MATS

Cleatrac Oven Mats are extremely durable and positively driven to ensure true tracking. The smooth woven mesh provides an even surface for improved can stability and tight transfers. Impervious to moisture, Cleatrac's stainless steel construction is a long lasting solution for dry-off ovens.

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Cleatrac Sprocket

Stainless Steel Drive Sprockets for Cleatrac Oven Mats							
Sprocket No.	No. of Teeth	Diameter in (mm)	Flat-to-Flat in (mm)	Sprocket Width in (mm)	Min. Bore in (mm)	Max. Bore in (mm)	Stock Bore in (mm)
CTS 30-12	12	2.03 (51.6)	1.60 (40.6)	1.20 (30.5)	0.75 (19.1)	1.00 (25.4)	0.75 (19.1)
CTS 30-20	20	3.33 (84.6)	2.89 (73.4)	1.20 (30.5)	0.75 (19.1)	1.88 (47.6)	0.75 (19.1)

### FEATURES & BENEFITS

#### ELIMINATE BELT WAVERING

- Guaranteed true tracking with a positive drive sprocket system

#### DURABLE & ENERGY EFFICIENT

- Withstands the toughest environments
- Half the mass of standard flat wire

#### IMPROVED CAN STABILITY

- Smooth even surface for tight can transfers

#### FAST AND EASY SPLICING

- No special tools required

#### UP TO 50% LESS EXPENSIVE THAN KEVLAR®

