# ROWE EQUIPMENT, INC.

*Your Trusted Source for Plastics Processing Equipment & Supplies*

## TECHNICAL DATA SHEET

# RDW Screens (Reverse Dutch Weave)

Continuous filter belt screens for automatic screen changers. Reverse Dutch weave construction provides superior filtration with smooth surface for extended service life in recycling and extrusion applications.

## SPECIFICATIONS

| Specification | Details |
|---|---|
| **Mesh Options** | 48x10 to 250x40 mesh |
| **Micron Range** | 75 to 400 nominal microns |
| **Roll Lengths** | 60' and 120' standard |
| **Roll Width** | Custom to screen changer |
| **Edge Finish** | Rubbed/sealed edges standard |
| **Weave Type** | Reverse Dutch Plain, Reverse Dutch Twill |

## AVAILABLE OPTIONS

| Option | Description |
|---|---|
| **48x10 RDPW** | 400 nominal micron, coarse filtration |
| **72x15 RDTW** | 250 nominal micron, medium filtration |
| **132x16 RDTW** | 200 nominal micron, standard filtration |
| **152x30 RDTW** | 115 nominal micron, fine filtration |
| **250x40 RDTW** | 75 nominal micron, finest filtration |
| **Custom Specs** | Application-specific configurations |

## MATERIALS

| Material | Properties / Applications |
|---|---|
| **304 Stainless Steel** | Standard material, general applications |

| | |
|---|---|
| **316 Stainless Steel** | Enhanced chemical resistance |
| **Low Carbon Steel** | Economical non-corrosive applications |

## DIMENSIONS & SIZES

| Size/Type | Specifications |
|---|---|
| **Standard Rolls** | 60 feet or 120 feet long |
| **Width** | Cut to match screen changer width |
| **Custom Lengths** | Any length available |
| **Custom Width** | Precision cut to equipment specs |

## OEM COMPATIBILITY

Compatible with equipment from: Gneuss, Nordson, Maag, ADG Solutions, PSI, Key Filters

## APPLICATIONS

• Automatic continuous screen changers • Ribbon-style belt filtration • High-pressure polymer filtration • Recycled polymer processing • Continuous melt filtration • High-volume extrusion

## INDUSTRIES SERVED

• Plastic recycling • Blown film • Cast film • Sheet extrusion • Compounding • Pelletizing

## ADDITIONAL NOTES

Smooth surface allows months of continuous operation. Superior dirt-holding capacity compared to standard weaves.

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