

# FR55W

PE 3.7 OZ  
MINE VENTILATION

# INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

## DESCRIPTION

A light-weight, flame-retardant, recyclable, polyethylene fabric suitable for construction sheeting and mine duct applications.

## FABRIC SPECIFICATIONS

Weave: Woven clear HDPE scrim  
Coating: 1.6 mil average both sides  
(37 g/m<sup>2</sup> average per side)  
Color: Pale yellow (natural FR)  
Weight: 3.7 oz/yd<sup>2</sup> (125 g/m<sup>2</sup>) +/- 5 %  
Thickness: 5.5 mil (0.14mm) +/- 10%

## ROLL SPECIFICATIONS

Cores: 4 inch I.D. or 5 inch I.D.  
available  
Width: Up to 144 inches (-0, +0.5)  
as ordered  
Length: Minimum 500 yds/roll;  
up to 1000 yds/roll

*These values are typical data and are not intended as limiting specifications.*

## PERFORMANCE PROPERTIES

The following data are typical values based on ASTM standard tests. This data should not be considered specification.

<b>Grab Tensile</b> ASTM D5034	Warp 65 lb 288 N / Weft 60 lb 266 N
<b>Strip Tensile</b> (N/5cm) ASTM D5035	Warp 40 lb/in (355) / Weft 35 lb/in 310)
<b>Tongue Tear</b> ASTM D2261	Warp 20 lb 90 N / Weft 22 lb 100 N
<b>Trapezoidal Tear</b> ASTM D4533	Warp 25 lb 111 N / Weft 20 lb 90 N
<b>Mullen Burst</b> ASTM D3786	120 psi / 826 kPa
<b>Flame Retardancy</b>	NFPA 701, MSHA 07-BA110003
<b>UV Weathering</b>	Not recommended for long-term outdoor exposure



intertape polymer group®

100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA  
Customer Service: 800.565.2000  
www.itape.com | info@itape.com

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

EFFECTIVE: 06/14

**NovaThene**  
BRAND