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^2 average per side)
Color: Pale yellow (natural FR)
Weight: 3.7 oz/yd^2 (125 g/m^2) +/- 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.

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

EFFECTIVE: 06/14

NovaThene®
BRAND