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30 MIL RPE COEX Reinforced Polyethylene

DATA SHEET

Heavyweight fabric incorporating a special weave pattern to enhance thickness, flatness, and tear properties. This product is a combination of polyethylene reinforcement and co-extrusion which enhances UV resistance and improves physical properties. For use in [geomembrane applications](#) such as soil remediation, [pond lining](#), [canal lining](#), [landfill covers](#), tank lining, etc.

FABRIC SPECIFICATIONS

WEAVE Woven black HOPE scrim
 COATING 2.4 mil average each side +
 5.5 mils of special LLDPE blend on one side
 COLOR Black
 WEIGHT 14.7 oz/yd² (SOS g/m²) +/- 5%
 THICKNESS Nominal 30 mil (0.75 mm) +/- 10% ASTM 01777

GRAB TENSILE	Warp 345 1535 N	Weft 325 1445 N	ASTM 07-7004
TOUNGE TEAR	Warp 90 LB 400 N	Weft 90 LB 400 N	ASTM 05884-01
TRAPEZOIDAL TEAR	Warp 99 LB 440 N	Weft 81LB 360 N	ASTM 04533-04
MULLEN BURST	· 650 psi 4480 kPa		ASTM 03786-01
HYDROSTATIC RESISTANCE	635 psi 4375 kPa		ASTM 0751-00
PERMEABILITY	2.06 x 10 ⁻¹² cm/sec		ASTM D4491-99a
PUNCTURE RESISTANCE INDEX	180LB 800 N		ASTM 04833-02

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