

C. L. Hauthaway & Sons Corporation
638 Summer Street Lynn, MA 01905-2092

781 592-6444
www.hauthaway.com

Hauthane L-2985

DESCRIPTION: Soft, aliphatic, water-borne polyurethane dispersion in a blend of DMM and propylene glycol solvents.

SUGGESTED USES: **L-2985** was designed for use in textile applications that require a soft hand coupled with very good strength, abrasion resistance, excellent adhesion, and excellent resiliency. Due to its overall properties, **L-2985** can be used as a finish or a coating. This versatile urethane is ideally suited for use as a finish for nylon and polyester threads and as a coating for nylon and vinyl substrates. **L-2985** is also ideally suited for textile-coating applications that require excellent low temperature flex crack resistance. The low melt temperature also allows **L-2985** to be used as a heat seal coating. When properly formulated, **L-2985** can be used as a coating for awning fabrics, boat cover fabrics, and other architectural fabrics.

CHARACTERISTICS: NMP-free, APEO-free
Superior flexibility
Soft, tough, flexible film
Good abrasion resistance
Superior low temperature, flex-crack resistance
Low melting point (265°F)

APPLICATION: **L-2985** may be used as a sole vehicle or blended with acrylic emulsions. Viscosity modification can be made with associative thickeners for application by spray, knife-over-roll, or other methods.

CURING: Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties. Do not use crosslinking agents for heat-seal coating applications.

PHYSICAL PROPERTIES

SOLIDS	35% ($\pm 1\%$)
VISCOSITY	50-500 cps
pH	7.5-10.0
DENSITY	8.9 lb/gal
SOFTENING POINT	265°F
VOC CONTENT	129 g/l (as supplied)

TENSILE PROPERTIES

(Tested at 20 inches/minute)	
ELONGATION	550 %
TENSILE STRENGTH	4,000 psi
100% MODULUS	500 psi
200% MODULUS	900 psi
300% MODULUS	1,500 psi