

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

781 592-6444
www.hauthaway.com

Hauthane HD-2001

- DESCRIPTION:** Soft, aliphatic, polyester-based, water-borne polyurethane dispersion.
- SUGGESTED USES:** HD-2001 was designed for use in textile applications that require a soft hand coupled with abrasion resistance, excellent adhesion and excellent resiliency. 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. HD-2001 is also suitable for textile-coating applications that require excellent low temperature flex crack resistance. The low melt temperature also allows HD-2001 to be used as a heat-sealable coating. When properly formulated, HD-2001 can be used as a coating for awning fabrics, boat cover fabrics, and other architectural fabrics.
- CHARACTERISTICS:** Superior flexibility
Soft, tough, flexible film
Excellent UV resistance
Good abrasion resistance
Superior low temperature, flex-crack resistance
Low softening point (265°F)
- APPLICATION:** HD-2001 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	40 %
VISCOSITY	50-500 cps
pH	7.5-10.0
DENSITY	8.9 lb/gal
SOFTENING POINT	265°F
VOC CONTENT	147 g/l (as supplied)

TENSILE PROPERTIES

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