

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

781 592-6444  
www.hauthaway.com

## Hauthane HD-2602

**DESCRIPTION:** An aliphatic, silicone-modified, polyester-based, water-borne polyurethane dispersion.

**SUGGESTED USES:** **HD-2602** was designed primarily for topcoat applications where slip and abrasion resistance properties are required. **HD-2602** contains a non-fugitive silicone component that provides low surface tension characteristics on flexible and rigid substrates including plastics, metals and textiles.

**CHARACTERISTICS:**

- < May be formulated into low surface tension coatings
- < Excellent abrasion resistance
- < Non-fugitive silicone component
- < Crosslinkable for improved adhesion and performance
- < Contains n-methyl pyrrolidone co-solvent

**APPLICATION:** **HD-2602** may be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.

**DRYING:** **HD-2602** can be air dried, if desired, depending on film thickness. Typical oven drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

### PHYSICAL PROPERTIES

<b>SOLIDS</b>	35% ( $\pm 1\%$ )
<b>VISCOSITY</b>	50-500 cps
<b>pH</b>	7.0-9.5
<b>DENSITY</b>	8.7 lbs/gal
<b>SOFTENING POINT</b>	305°F
<b>VOC CONTENT</b>	105 g/l (as supplied)
<b>SWARD HARDNESS</b>	35

### TENSILE PROPERTIES

(TESTED AT 20 INCHES/MINUTE)	
<b>ELONGATION</b>	300%
<b>TENSILE STRENGTH</b>	>6375 psi
<b>100% MODULUS</b>	3180 psi
<b>200% MODULUS</b>	4610 psi
<b>300% MODULUS</b>	NA