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HAUTHANE HD-2024

- DESCRIPTION:** *Co-solvent free, soft, aliphatic, water-borne, polyurethane dispersion.*
- SUGGESTED USES:** *HD-2024 was designed for use as a cost effective urethane for use in coatings or finishes for textile fabrics. This unique urethane dispersion is manufactured at high solids and without the use of solvent. HD-2024 is well suited for use as a strength additive for acrylic polymers. Whether used alone or as a strength additive, HD-2024 provides increased strength, anti-fray, and abrasion resistance properties at an affordable price.*
- CHARACTERISTICS:** *Co-solvent free and high solids
Excellent cost/performance ratio
Soft, tough, flexible, dry film
Excellent UV resistance
Excellent low temperature flexibility and crack resistance
Very good abrasion resistance*
- APPLICATION:** *Spray or pad -- solids may be adjusted for optimum add-on.
May be thickened with HA-900 for knife coating applications.*
- CURING:** *Excellent strength properties as supplied. Melamine-formaldehyde crosslinkers, such as HA-808 (3 - 6 phr), will provide improved performance.*

PHYSICAL PROPERTIES

SOLIDS:	45.0%
VISCOSITY:	50-500 cps
pH:	7.0-9.5
DENSITY:	8.8 lb/gal
MELT POINT:	325°F
VOC Content:	10 g/l

TENSILE PROPERTIES

(Tested at 20 inches/minute)	
ELONGATION:	750 %
ULT. TENS. STR.	4,000 PSI
100% MODULUS:	480 PSI
200% MODULUS:	680 PSI
300% MODULUS:	890 PSI