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Hauthane HD-4638

- DESCRIPTION:** Soft, aliphatic, water-borne, polyurethane dispersion.
- SUGGESTED USES:** **HD-4638** was designed for use in textile applications as a versatile polyurethane coating. Due to its overall properties, **HD-4638** can be used as a finish or a coating for many textile applications. This product is ideally suited for use as an anti-fray finish on textile fabrics that must have a soft hand. **HD-4638** is also suitable for textile coating applications that require excellent low temperature flexibility and crack resistance.
- CHARACTERISTICS:** Superior flexibility
Soft, tough, flexible, dry film
Excellent UV resistance
Very good abrasion resistance
Superior low temperature flexibility and crack resistance
High melting point (320°F)
Good strength properties
- APPLICATION:** Spray or pad -- solids may be adjusted for optimum add-on. May be thickened with HA-900 for knife coating.
- CURING:** Excellent strength properties as supplied. Melamine-formaldehyde crosslinkers, such as Cytec's Cymel 385 (3 - 6 phr), will provide improved performance.

PHYSICAL PROPERTIES

SOLIDS:	38% (±1%)
VISCOSITY:	50-500 cps
pH:	7.5-10.0
DENSITY:	8.7 lb/gal
SOFTENING POINT:	320°F
VOC CONTENT	16 g/l (as supplied)

TENSILE PROPERTIES

	(Tested at 20 inches/minute)
ELONGATION:	600 %
ULT. TENSILE STR.	3,000 psi
100% MODULUS:	770 psi
200% MODULUS:	1050 psi
300% MODULUS:	1380 psi