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HP 38-19 M V22 *Technical Data Sheet*

HP 38-19 M V22 is an acrylic emulsion pressure sensitive adhesive.

PHYSICAL CHARACTERISTICS

Form:	Liquid
Total solids %:	54.0 – 56.0
Viscosity @ 24°C, cps:	2000 – 2400 RVF, Spindle #4, 50 rpm
pH value:	4.5 – 6.5
Colour:	White (film dries clear)
Odour:	Slight, characteristic
Residual monomer:	0.1% maximum
Tg:	–56°C
Specific gravity:	0.99
Grit (ppm)	≤ 200
Shelf Life:	6 months
Storage Temperature:	15 – 35°C
Freeze/Thaw Stability:	None
Diluent:	Water
Cleaner:	Water (wet), solvent (dry)
Film Application:	As required

TYPICAL FILM PROPERTIES

Water Resistance:	Fair
Deposition:	1 mil dry on 1mil mylar (transfer coating)
Bake Cycle:	1 min @ 120°C

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180° peel to stainless steel (20 min dwell):	300 g/inch
180° peel to HDPE (20 min dwell):	200 g/inch
Shear @ 40°C (1”x1”x1000g):	600 minutes

APPLICATIONS AND FEATURES

HP 38-19 M V22 is an acrylic emulsion pressure sensitive adhesive with low peel and high shear resistance. It can be used to prepare general purpose removable labels. It can be used on thermal paper without causing printability problems on aging.

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