

PRODUCTS



MANUS PRODUCTS HAS YEARS OF EXPERIENCE IN THE DEVELOPMENT AND MANUFACTURING OF SEALANTS ADHESIVES COATINGS TAPES.

ALL PRODUCTS ARE FORMULATED TO WITHSTAND THE HARSHTEST ENVIRONMENTS AND ARE CONTINUALLY TESTED AT OUR OUTDOOR FACILITIES IN WACONIA, MINNESOTA AND NAPLES FLORIDA.



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QUALITY & SERVICE SINCE 1959



ADHESIVES

SEALANTS

COATINGS

TAPES



PRODUCTS



ENGINEERING



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QUALITY & SERVICE SINCE 1959

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PRODUCTS



MANUS PRODUCTS, INC. PRODUCTS AND TECHNICAL DATA

PRODUCTS	25-AM HIGH STRENGTH ADHESIVE/SEALANT	75-AM INDUSTRIAL GRADE SEALANT/ADHESIVE	75-AM FAST CURE ADHESIVE/SEALANT	75-AM FAST SKIN SEALANT/ADHESIVE	75-AM LONG OPEN TIME SEALANT/ADHESIVE	75-AM ULTRA CLEAR SEALANT/ADHESIVE	76-AM SELF LEVELING SEALANT/ADHESIVE	77-AM MODIFIED POLYURETHANE SEALANT/ADHESIVE	27-A CLEAR COPOLYMER SEALANT	73-A RTV SILICONE	501-A GENERAL PURPOSE BUTYL SEALANT	64-A BUTYL TAPE	FLEX-WELD ADHESIVE
													
DESCRIPTION	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable Our highest ultimate strength single component adhesive. Very high peel and tear resistance.	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable A good balance of performance and price. Meets ASTM C920 Class 25. Meets AAMA 802.3-7 UL 723 Listed	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable Suitable for applications where early strength and fast through-cure is necessary.	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable Very fast skin time affords quick paintability.	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable NSF 61 certified.	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable 	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable 	<ul style="list-style-type: none"> • 1 part • No solvents • No isocyanates • No shrinkage • Non yellowing • Paintable 	Crystal clear formulation is paintable. Some shrinkage due to solvent content.	High quality RTV acetoxo silicone. FDA Approved.	<ul style="list-style-type: none"> • Paintable Cost effective general purpose sealant.	High quality butyl tape available in many different extrusion profiles. Meets AAMA 804.1-92, 806.1-92, 807.3-92	<ul style="list-style-type: none"> • 2 part adhesive • Paintable Excellent adhesion to most industrial substrates, especially where oily film is a concern. Available with open times from 10-45 minutes.
APPLICATIONS	Structural adhesive for roof bow, panel and floor bonding. Replaces mechanical fasteners. Sealant applications.	Sealant for a wide variety of roofing, trim, architectural and manufacturing applications. Structural bonding.	Sealant for a wide variety of materials where a fast through cure formulation is required. Structural bonding.	Sealant for a wide variety of materials where a fast skin formulation is required. Structural bonding.	Sealant for a wide variety of materials where a long open time formulation is required. Structural bonding.	Sealant for a wide variety of roofing, trim, architectural and manufacturing applications.	A controlled flow self-leveling sealant suitable for sealing a wide variety of roofing components and mechanically fixed joints.	Sealant for a wide variety of roofing, trim, architectural and manufacturing applications. Structural bonding.	Sealing a wide variety of roofing, trim, architectural and manufacturing applications.	General purpose sealant.	General purpose sealant.	Sealant for a wide variety of roofing, trim, architectural and manufacturing applications.	Structural adhesive for roof bow, panel and floor bonding. Replaces mechanical fasteners.
VOCS	15 g/l	9 g/l	14 g/l	12 g/l	11 g/l	13 g/l	10 g/l	12 g/l	333 g/l	31 g/l	202 g/l	-	9 g/l
DENSITY	1.39 g/ml	1.67 g/ml	1.40 g/ml	1.67 g/ml	1.56 g/ml	1.07 g/ml	1.65 g/ml	1.52 g/ml	0.93 g/ml	1.03 g/ml	1.23 g/ml	1.48 g/ml	1.32 g/ml mixed
TACK-FREE TIME 73°F/50%RH	< 1 hour	< 1 hour	20 min.	10 min.	3 hours	< 1 hour	< 1 hour	< 1 hour	< 20 min	30 min.	<24 hours	-	Various
SHORE A HARDNESS	50	45	50	50	35	30	50	40	25-35	25	30-35	-	82
TENSILE STRENGTH ASTM D-412	475 PSI	225 PSI	350 PSI	225 PSI	210 PSI	250 PSI	175 PSI	185 PSI	> 500 PSI	280 PSI	125 PSI	-	825 PSI
LAP SHEAR STRENGTH ASTM D-1002	550 PSI	275 PSI	325 PSI	275 PSI	215 PSI	330 PSI	210 PSI	200 PSI	~150 PSI	250 PSI	-	-	750 PSI
ELONGATION AT BREAK	500%	275%	300%	275%	350%	300%	125%	350%	~500%	300%	-	-	100%
SOLVENT CONTENT	No	No	No	No	No	No	No	No	Xylene	No	Mineral Spirits	No	No
VISCOSITY	750,000-850,000 cps.	450,000-550,000 cps.	500,000-600,000 cps.	700,000-800,000 cps.	450,000-550,000 cps.	450,000 cps.	100,000 cps.	450,000-550,000 cps.	~500,000 cps.	400,000 cps.	450,000-550,000 cps.	-	200,000-400,000 cps.
NON-SAG	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes/No
PACKAGING	10.3 oz. Cart/Saus 20 oz. Sausage, 1,5,55 gallon containers	10.3 oz. Cart/Saus 20 oz. Sausage, 1,5,55 gallon containers	10.3 oz. Cart/Saus 20 oz. Sausage, 1,5,55 gallon containers	10.3 oz. Cart/Saus 20 oz. Sausage, 1,5,55 gallon containers	10.3 oz. Cart/Saus 20 oz. Sausage, 1,5,55 gallon containers	10.3 oz. Cartridge	10.3 oz. Cart/Saus 20 oz. Sausage, 1,5,55 gallon containers	10.1 oz. Cart/Saus 20 oz. Sausage, 1,5,55 gallon containers	10.3 oz. Cartridge	10.1 oz. Cartridge	10.3 oz. Cartridge	Various extrusion profiles and lengths	400 ml 1:1 kits, 5 gallon pails 55 gallon drums