

33155 CAMINO CAPISTRANO • UNIT C • SAN JUAN CAPISTRANO, CA 92675 PHONE: (949) 240-6353 • FAX: (949) 248-5655

FLASHSTRIPPER 1 ALL PURPOSE PRESSURE SENSITIVE TAPE

DESCRIPTION

Flashstripper 1 is a one mil thick high temperature, high tensile strength polyester film. It is one-side coated with a one mil thick, fully cured high temperature silicone adhesive. As a fully cured adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 72 yards, but other widths are available upon request.

APPLICATION

Flashstripper 1 is found in high technology bonding rooms and composite fabrication shops as an all-purpose high temperature tape. It is perfect for holding in place release films and fabrics, bleeders and breathers, subassembly details during pre-fit and bonding operations, and in all phases of masking operations for surface pre, painting and mechanical fastening. Flashstripper 1 will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI.

PHYSICAL PROPERTIES

Thickness

film: .001" adhesive: .001"

Color

Blue, transparent

Elongation

100%

Adhesion Temperature Range 25 +/-5 oz/in width

-60 to 400 DEG F

Shelf life

one year from date of shipment

PACKAGING

Standard sizes:

1 in x 72 yds/roll; 36 rolls per case 2 in x 72 yds/roll; 24 rolls per case

Other sizes available upon request.



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FLASHSTRIPPER 2 ALL PURPOSE PRESSUER SENSITIVE TAPE

DESCRIPTION

Flashstripper 2 is a 2 mil thick high temperature, high tensile strength polyester film. It is one-side coated with a one milt hick, fully cured high temperature silicone adhesive. As a fully cured adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 72 yards, but other widths are available upon request.

APPLICATION

Flashstripper 2 is found in high technology bonding rooms and composite fabrication shops as an all-purpose high-temperature tape. It is perfect for holding in place release films and fabrics, bleeders and breathers, sub-assembly details during pre-fit and bonding operations, and in all phases of masking operations for surface prep, painting and mechanical fastening. Flashstripper 2 will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI. The 2 mil thickness is strong enough to break a thin cured resin or adhesive flash.

PHYSICAL PROPERTIES

Thickness

film: .002"

adhesive: .001"

Color

Blue, transparent

Elongation

100%

Adhesion

25 +/-5 oz/in width

Shelf life

-60 to 400 DEG F

one year from date of shipment

PACKAGING

Temperature Range

Standard sizes:

1 in x 72 yds/roll; 36 rolls per case 2 in x 72 yds/roll; 24 rolls per case

Other sizes available upon request.



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FLASHSTRIPPER 5

ALL PURPOSE PRESSURE SENSITIVE TAPE FOR BREAKING CURED ADHESIVE AND PREPREG

DESCRIPTION

Flashstripper 5 is a 5 mil thick, high temperature, high tensile strength polyester film. It is one-side coated with a 1 and 1/2 mils thick, fully cured high temperature silicone adhesive. As a fully cured adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 36 yards, but other widths are available upon request.

APPLICATION

Flashstripper 5 is found in high technology bonding rooms and composite fabrication shops as an all-purpose high-temperature tape for holding details and as a resin flash breaker. Flashstripper 5 eliminates post-cure scraping and chiseling of resin flash. It is applied to a tool or lay-up so that the excess resin will run over it. After cure, the tape is pulled away to break the cured flash leaving a clean surface. It is ideal for potting inserts in cured laminates. Simply apply Flashstripper 5 to the part surface, drill through the tape, pot insert, after cure pull tape away to leave a clean surface. Flashstripper 5 will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI.

PHYSICAL PROPERTIES

Thickness

film:

.005" adhesive:

.0015"

Color

Blue, transparent

Elongation

100%

Adhesion Temperature Range 25 +/-5oz/in width -60 to 400 DEG F

Shelf life

one year from date of shipment

PACKAGING

Standard sizes:

1 in x 36 yds/roll; 36 rolls per case 2 in x 36 yds/roll; 24 rolls per case

Other sizes available upon request.



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FLASHSTRIPPER 1R ALL PURPOSE NON-SILICON BASED PRESSURE SENSITIVE TAPE

DESCRIPTION

Flashstripper 1R is a one mil thick high temperature, high tensile strength polyester film. It is one-side coated with a one mil thick, fully cured high temperature rubber based adhesive. As a fully cured non-silicon adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 72 yards, but other widths are available upon request.

APPLICATION

Flashstripper 1R is found in high technology bonding rooms and composite fabrication shops as an all-purpose high temperature tape. It is perfect for holding in place release films and fabrics, bleeders and breathers, sub-assembly details during pre-fit and bonding operations, and in all phases of masking operations for surface pre, painting and mechanical fastening. Flashstripper 1R will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI.

PHYSICAL PROPERTIES

Thickness

film: .001" adhesive: .001"

Color

Blue, transparent

Elongation

100%

Adhesion

25 +/-5 oz/in width -60 to 400 DEG F

Shelf life

one year from date of shipment

PACKAGING

Temperature Range

Standard sizes:

1 in x 72 yds/roll; 36 rolls per case 2 in x 72 yds/roll; 24 rolls per case

Other sizes available upon request.



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FLASHSTRIPPER 2R ALL PURPOSE NON-SILICON BASED PRESSURE SENSITIVE TAPE

DESCRIPTION

Flashstripper 2R is a one mil thick high temperature, high tensile strength polyester film. It is one-side coated with a 1 mil thick, fully cured high temperature rubber based adhesive. As a fully cured non-silicon adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 72 yards, but other widths are available upon request.

APPLICATION

Flashstripper 2R is found in high technology bonding rooms and composite fabrication shops as an all-purpose high temperature tape. It is perfect for holding in place release films and fabrics, bleeders and breathers, sub-assembly details during pre-fit and bonding operations, and in all phases of masking operations for surface pre, painting and mechanical fastening. Flashstripper 2R will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI.

PHYSICAL PROPERTIES

Thickness

film: .002" adhesive: .001"

Color

Blue, transparent

Elongation

100%

Adhesion

25 +/-5 oz/in width -60 to 400 DEG F

Temperature Range Shelf life

one year from date of shipment

PACKAGING

Standard sizes:

1 in x 72 yds/roll; 36 rolls per case 2 in x 72 yds/roll; 24 rolls per case

Other sizes available upon request.



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FLASHSTRIPPER 5R ALL PURPOSE NON-SILICON BASED PRESSURE SENSITIVE TAPE

DESCRIPTION

Flashstripper 5R is a one mil thick high temperature, high tensile strength polyester film. It is one-side coated with a 1.5 mil thick, fully cured high temperature rubber based adhesive. As a fully cured non-silicon adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 72 yards, but other widths are available upon request.

APPLICATION

Flashstripper 5R is found in high technology bonding rooms and composite fabrication shops as an all-purpose high temperature tape. It is perfect for holding in place release films and fabrics, bleeders and breathers, sub-assembly details during pre-fit and bonding operations, and in all phases of masking operations for surface pre, painting and mechanical fastening. Flashstripper 5R will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI.

PHYSICAL PROPERTIES

Thickness

film: .005" adhesive: .0015"

Color

Blue, transparent

Elongation

100%

Adhesion

25 +/-5 oz/in width -60 to 400 DEG F

Temperature Range Shelf life

one year from date of shipment

PACKAGING

Standard sizes:

1 in x 36 yds/roll; 36 rolls per case 2 in x 36 yds/roll; 24 rolls per case

Other sizes available upon request.



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PROTOOLS

PERMANENT TOOL RELEASE
PRESSURE SENSITIVE PTFE FIBERGLASS

DESCRIPTION

Protool is a non-porous PTFE impregnated fiberglass with a one-side, fully cured silicone pressure sensitive adhesive permitting strong adherence to tool substrates without contamination. Protool is available in tape form at 1 and 2 inches wide or full width at 36 inches wide. As a tool surfacing material, Protool becomes a permanent tool release for cures up to 550 DEG F so that tool surface release agents are eliminated. Worn tool surfaces and tool porosity problems are solved while extending tool service life. Used as a flash tape in composite processing, Protool tapes are strong enough to strip the toughest excess resin flash. Protool is available in thicknesses of 5, 7, and 12 mils.

APPLICATION

Apply Protool to plastic or metal tool surfaces for excellent release from epoxy, polyester, Phenolics, polyamide, polyimide, Bismaleimides, and cyanoacralate resin systems. Vacuum bag scalant tapes should be applied outside the edge of Protool with breather materials spanning their gap for best performance. Protool is also used for flash control, heat sealing machines, as a cover ply for coating and drying rollers, chute linings, low-friction guide rail liners, and many other non-stick, low-friction applications. Standard fabrication shop solvents can aid in the removal of protool from tool surfaces.

PHYSICAL PROPERTIES

| Temperature range | Fully cured silicone -100 to 550 DEG F | | |
|--|--|-------------|------|
| Adhesive | Dalle . | بنائم لمصمر | |
| Electrical Strength, volts total | 3000 | 5000 | 6500 |
| Adhesion, oz/in/width | 35 | 45 | 50 |
| Fiberglass thickness inches | .003 | .005 | .010 |
| Thickness with adhesives, inches | .005 | .007 | .012 |
| This is a second of the second | #5 | #7 | #12 |

PACKAGING

Standard roll sizes:

tapes: 1 in x 36 yds, 2 in x 36 yds full width: 36 in x 18 yds

Other sizes available upon request.



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PROTOOLA

PERMANENT TOOL RELEASE PRESSURE SENSITIVE PTFE FIBERGLASS

DESCRIPTION

Protool is a non-porous PTFE impregnated fiberglass with a one-side, fully cured Acrylic pressure sensitive adhesive permitting strong adherence to tool substrates without contamination. **Protool** is available in tape form at 1 and 2 inches wide or full width at 36 inches wide. As a tool surfacing material, **Protool** becomes a permanent tool release for cures up to 350 DEG F so that tool surface release agents are eliminated. Worn tool surfaces and tool porosity problems are solved while extending tool service life. Used as a flash tape in composite processing, **Protool** tapes are strong enough to strip the toughest excess resin flash. **Protool** is available in thicknesses of 5, 7, and 12 mils.

APPLICATION

Apply **Protool** to plastic or metal tool surfaces for excellent release from epoxy, polyester, Phenolics, polyamide, polyimide, Bismaleimides, and cyanoacralate resin systems. Vacuum bag sealant tapes should be applied outside the edge of **Protool** with breather materials spanning their gap for best performance. **Protool** is also used for flash control, heat sealing machines, as a cover ply for coating and drying rollers, chute linings, low-friction guide rail liners, and many other non-stick, low-friction applications. Standard fabrication shop solvents can aid in the removal of protool from tool surfaces.

PHYSICAL PROPERTIES

| #5 | #7 | #12 |
|---------------------|-------------------------------|---|
| .005 | .007 | .012 |
| .003 | .005 | .010 |
| 35 | 45 | 50 |
| 3000 | 5000 | 6500 |
| Fully cured Acrylic | | |
| -100 to 350 DEG F | | |
| | .003 35 3000 Fully c | .005 .007 .003 .005 35 45 3000 5000 Fully cured Acr |

PACKAGING

Standard roll sizes: tapes: 1 in x 36 yds, 2 in x 36 yds full width: 36 in x 18 yds Other sizes available upon request.



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PROTOOLA-15

PERMANENT TOOL RELEASE PRESSURE SENSITIVE PTFE FIBERGLASS

DESCRIPTION

ProtoolA-15 is a non-porous PTFE impregnated fiberglass with a one-side, fully cured Acrylic pressure sensitive adhesive permitting strong adherence to tool substrates without contamination. **ProtoolA-15** is available in tape form at 1 and 2 inches wide or full width at 36 inches wide. As a tool surfacing material, **ProtoolA-15** becomes a permanent tool release for cures up to 350 DEG F so that tool surface release agents are eliminated. Worn tool surfaces and tool porosity problems are solved while extending tool service life. Used as a flash tape in composite processing, **ProtoolA-15** tapes are strong enough to strip the toughest excess resin flash. **ProtoolA-15** is available in thicknesses of 5, 7, and 12 mils.

APPLICATION

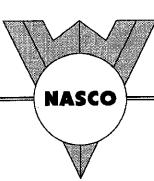
Apply **ProtoolA** to plastic or metal tool surfaces for excellent release from epoxy, polyester, Phenolics, polyamide, polyimide, Bismaleimides, and cyanoacralate resin systems. Vacuum bag sealant tapes should be applied outside the edge of **ProtoolA-15** with breather materials spanning their gap for best performance. **ProtoolA-15** is also used for flash control, heat sealing machines, as a cover ply for coating and drying rollers, chute linings, low-friction guide rail liners, and many other non-stick, low-friction applications. Standard fabrication shop solvents can aid in the removal of protool from tool surfaces.

PHYSICAL PROPERTIES

| #5 | #7 | #12 |
|---------------------|---------------------------------------|--|
| .005 | .007 | .012 |
| .003 | .005 | .010 |
| 35 | 45 | 50 |
| 3000 | 5000 | 6500 |
| Fully cured Acrylic | | |
| -100 to 350 DEG F | | |
| | .005 .003 35 3000 Fully c | .003 .005 35 45 3000 5000 Fully cured Acr |

PACKAGING

Standard roll sizes: tapes: 1 in x 36 yds, 2 in x 36 yds full width: 38 in x 18 yds Other sizes available upon request.



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TEFTAPE AND TEFTAPE R HIGH TEMPERATURE TEFLON PRESSURE SENSITIVE TAPE

DESCRIPTION

TEF Tape is a two mil skived, Teflon film coated with a silicone pressure sensitive adhesive. Because there is no carrier fabric for the Teflon, **TEF Tape** will stretch and conform to complex contours. **TEF Tape** R has a rubber based pressure sensitive adhesive. As a surface coating, multiple releases from bonding materials are possible without the use of release agents. **TEF Tape** is available in thicknesses of 2,3,5, and 10 mils.

APPLICATION

As a surface coating, **TEF Tape** releases from all thermosetting and thermoplastic resin systems, It is excellent as a covering for cocure mandrels and bonding assembly tool details, especially complex shapes requiring stretch to conform to surface details. **TEF Tape** removal is aided by standard fabrication shop solvents.

PHYSICAL PROPERTIES

| <u>17.6</u> | <u>πJ</u> | <u>πυ</u> | #1V |
|------------------------------|--------------------------------------|--|--|
| .002 | .003 | .005 | .010 |
| .001 | .002 | .001 | .003 |
| 20 | | | |
| 300 | | | |
| up to 550 DEG F | | | |
| 1 year from date of shipment | | | |
| | .002 .001 20 300 up to 5 | .002 .003 .001 .002 20 300 up to 550 DEG | .002 .003 .005 .001 .002 .001 20 300 up to 550 DEG F |

PACKAGING

Standard roll sizes:

1 in x 36 yds, 2 in x 36 yds

Widths up to 36 inches available upon request.



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TEF-EN HIGH TEMPERATURE PTFE PRESSURE SENSITIVE TAPE

DESCRIPTION

TEF-EN is a two mil extruded, PTFE film coated with a silicone pressure sensitive adhesive. Because there is no carrier fabric for the PTFE, TEF-EN will stretch and conform to complex contours. TEF-EN-NS has an Acrylic based pressure sensitive adhesive. As a surface coating, multiple releases from bonding materials are possible without the use of release agents.

APPLICATION

As a surface coating, TEF-EN releases from all thermosetting and thermoplastic resin systems, It is excellent as a covering for cocure mandrels and bonding assembly tool details, especially complex shapes requiring stretch to conform to surface details. TEF-EN removal is aided by standard fabrication shop solvents.

PHYSICAL PROPERTIES

Thickness, inches .002
Adhesive thickness, inches .001
Adhesion, oz/inch/width 20
Elongation % 300

Temperature range

up to 550 DEG F

Shelf Life

1 year from date of shipment

PACKAGING

Standard roll sizes:

1 in x 36 yds, 2 in x 36 yds



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NA 48 N NYLON FILM TAPE HIGH TEMPERATURE NYLON PRESSUE SENSITIVE TAPE

DESCRIPTION

NA 48 N is a two mil thick, high temperature nylon tape, one-side coated with a pressure sensitive non-silicone adhesive system. Thus silicone contamination is not an issue in composite or metallic cures and bonding operations.

APPLICATION

Generally used to mask-off parts against adhesive or resin flash during metal/composite bond processes. NA 48 N permits clean removal from surfaces after operations at high temperatures and pressures. The toughness, elongation and low shrinkage characteristics of NA 48 N make it ideal for masking-off assembly areas and holding process materials in-place at cure cycle environments experiencing temperatures up to 400 DEG F.

PHYSICAL PROPERTIES

Backing 2 mil nylon film
Adhesive non-silicone
Total thickness .003 inches

Elongation 500% Adhesion, steel, oz/in width 32

Temperature range 100 to +400 DEG F

Shelf Life 1 year from date of shipment

PACKAGING

Standard roll size: 1 in x 72 yds, 2 in x 72 yds



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NAHT43 TAPE HIGH TEMPERATURE PRESSURE SENSITIVE KAPTON® POLYIMIDE TAPE

DESCRIPTION

NAHT43 is a transparent amber colored polyimide film with a fully cured silicone adhesive providing strong surface gripping upon nominal contact pressure. NAHT43 is available in one mil and two mil thicknesses with standard widths of 1" and 2" and also available up to 54" wide.

APPLICATION

With a maximum use temperature of 700 DEG F/368 DEG C, NAHT43 is used to hold release fabrics. bleeders and breathers, sub-assembly details thermocouples, etc during processing at high temperatures. NAHT43 can also be used for flame resistant electrical insulation, wire and cable wrap, wire bundle termination, splicing of high temperature reflective thermal insulation film, solder mask for circuit boards, and as a multiple release surfacer for heated platens and tools.

PHYSICAL PROPERTIES

Backing

Polyimide

Total thickness

.1125 inches

Color

Amber, transparent

Elongation %

Use temperature

Adhesion to steel

36 oz/inch/width

Tensile

30 lb/inch/width

700 DEG F/368 DEG C

Shelf Life

1 year from date of shipment

PACKAGING

Standard roll sizes:

1 in x 36 yds, 2 in x 36 yds

Other widths available upon request.

*Kapton® is a registered trademark of Dupont Corp.



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PRODUCT DATA SHEET

PRODUCT:

NAHT43DC - DOUBLE COATED POLYIMIDE FILM

DESCRIPTION:

A 1 mil polyimide film coated each side with a high temperature

silicone adhesive system. Total thickness 4.5 mils.

USES:

Splicing high temperature thermal insulating films. Laminating or bonding silicone treated surfaces. Non corrosive nature permits use with ultra fine magnetic wire. Continuous high operating

temperatures.

PHYSICAL PROPERTIES:

BACKING/CARRIER:

1 mil polyimide film

ADHESIVE SYSTEM:

High Temperature Silicone

TOTAL THICKNESS:

4.5 Mils

COLOR:

Amber, transparent

ELONGATION:

60 %

ADHESION LEVEL:

25/25 oz/inch width

TENSILE:

30 lbs/inch width

OPERATING TEMPERATURE:

-100 to +500 deg. F

Note: The above information is to determine proper selection. The user must determine the suitability of the product for its intended use. Because of varied performance and application conditions, products are warranted against manufacturing defects only.



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FLEXCORE TAPE TWO SIDE COATED TAPE FOR HOLDING HONEYCOMB CORE DURING MACHINING

DESCRIPTION

Flexcore Tape holds honeycomb core in place during machining operations. It is a double backed cloth tape that allows subsequent removal of the core without residue pick-up. The adhesive is non-silicone based and will release upon a light spray of MEK or acetone. Flexcore Tape works with all honeycomb materials including aramid (nomex) and metallic cores.

PHYSICAL PROPERTIES

Backing

Cloth

Adhesive

Rubber based, solvent dispersed

Tensile

53 lbs/inch

Adhesion (steel)

50 oz/inch width

Shelf Life

1 year from date of shipment

PACKAGING

Standard sizes:

2in x 36 yards/roll 24 rolls per case

Other sizes available upon request.



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NA TSP TAPE TWO SIDE COATED TAPE FOR HIGH TEMPERATURE APPLICATION

DESCRIPTION

NA TSP Tape is a one mil thick, polyester film coated with a non-silicone pressure sensitive adhesive on two sides. It is an all-purpose tape for holding process materials such as peel plies, breathers and assembly details in place during vacuum bag operations. It is especially suited for high compound surface tooling and complex bagging assembled. NA TSP Tape will withstand 350 DEG F cure cycles.

PHYSICAL PROPERTIES

Thickness (film and adhesive)

.002 inches

Thickness (film only)

.001 inches

Elongation (%)

100

Service Temperature (max)

350 DEG F

Adhesion (oz/in/width)

25

Shelf Life (stored at 72 DEG F)

1 year at 72F

PACKAGING

Standard sizes:

½ inch, 1 inch, 2 inch x 36 yds/roll



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NAFLASHOR ALL PURPOSE PRESSURE SENSITIVE TAPE

DESCRIPTION

NAFLASHOR is a one mil thick high temperature, high tensile strength polyester film. It is one-side coated with a one mil thick, fully cured high temperature silicone adhesive. As a fully cured adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 72 yards, but other widths are available upon request.

APPLICATION

NAFLASHOR is found in high technology bonding rooms and composite fabrication shops as an all-purpose high temperature tape. It is perfect for holding in place release films and fabrics, bleeders and breathers, subassembly details during pre-fit and bonding operations, and in all phases of masking operations for surface pre, painting and mechanical fastening. NAFLASHOR will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI.

PHYSICAL PROPERTIES

Thickness

film: .001" adhesive: .001"

Color

Orange 100%

Elongation

25 ±/-5 oz/in width

Adhesion Temperature Range

-60 to 400 DEG F

Shelf life

one year from date of shipment

PACKAGING

Standard sizes:

NAFLASHOR1 1 in x 72 yds/roll; 36 rolls per case

NAFLASHOR2 2 in x 72 yds/roll; 24 rolls per case

Other sizes available upon request,



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NAFLASHLB ALL PURPOSE PRESSURE SENSITIVE TAPE

DESCRIPTION

NAFLASHLB is a one mil thick high temperature, high tensile strength polyester film. It is one-side coated with a one mil thick, fully cured high temperature silicone adhesive. As a fully cured adhesive, it will not transfer to metal or composite details thus eliminating contamination problems, yet maintaining a strong surface grip upon nominal contact pressure. Standard roll size is 1 inch x 72 yards, but other widths are available upon request.

APPLICATION

NAFLASHLB is found in high technology bonding rooms and composite fabrication shops as an all-purpose high temperature tape. It is perfect for holding in place release films and fabrics, bleeders and breathers, subassembly details during pre-fit and bonding operations, and in all phases of masking operations for surface pre, painting and mechanical fastening. NAFLASHLB will release clean from surfaces without leaving a residue after cures up to 400 DEG F and 100 PSI.

PHYSICAL PROPERTIES

Thickness

film: .001" adhesive: .001"

Color

Light Blue

Elongation

100%

Adhesion

25 +/-5 oz/in width

Temperature Range

-60 to 400 DEG F

Shelf life

one year from date of shipment

PACKAGING

Standard sizes:

NAFLASHLB1 1 in x 72 yds/roll; 36 rolls per case NAFLASHLB2 2 in x 72 yds/roll; 24 rolls per case

Other sizes available upon request.



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Shrink Tape #2

| Shrinkage Characte | eristics : |
|--------------------|------------|
|--------------------|------------|

| STITINGE CHARACTERSICS | | | |
|--|--------------|---------------|----------------|
| Thickness | | .002" | .005" |
| Nominal Shrinkage (lengthwise) |) at 300°F | 20% | 20% |
| Maximum Shrink Force (lengthw | vise) | 2500 PSI | 2500 PSI |
| Starts to Shrink | | 175°F | 1 <i>75</i> °F |
| Temperature Range for Practic | al Use | 200- 400°F | 200-400°F |
| Approximate Time to Reach Ful Shrink After Exposure to Temper | | Minutes | Minutes |
| Standard Sizes | | | |
| Nominal Thickness x Width | Nominal Lenç | gth/Roll | Weight/Roll |
| .002" x 1/2" | 100 yd | | 3-1/3 oz |
| .002" x 1" | 100 yd | | 6-2/3 oz |
| .002" x 1-1/4" | 100 yd | | 8 oz |
| .002" x 2" | 100 yd | | 13-1/3 oz |
| .002" x 2-1/2" | 100 yd | | 16 oz |
| .005" x 1-1/4" | 40 yd | | 8 oz |

Put-Ups: Standard Rolls: 3-1/2" OD rolls wound on 1-3/8" ID paper cores. Not more than 1 splice in any one roll, and not more than 1/4 of the rolls will be spliced. Special put-ups and widths may be available. Release Coating of tape is available on request. General Properties: Shrink Tape is a post modified polyester film. In addition to its shrinkage properties, Hi-Shrink Tape has excellent mechanical, electrical, and heat aging characteristics.

- Chemical Resistance: Exhibits good resistance to the action of many chemical reagents, solvents, impregnants and varnishes.
- Flammability: Does not present a significant flammability hazard. The auto ignition temperature is over 900°F. Melting Point: 480°F
- Tensile Strength: Over 25,000 PSI
- Shelf Life: No appreciable shelf aging. No change of properties found after five years of room temperature storage.
- Storage Requirements: No special requirements.