

UNIPRO

SECTION F

GENERAL PRODUCTS

1. MASKING TAPE
2. FIBERGLASS TAPE FOR DRY WALL JOINTS
3. POLYURETHANE FOAM SPRAY
4. POLYURETHANE FOAM SPRAY – FIRE RETARDANT
5. FOAM CLEANER
6. DUCT TAPE
7. PAINT SPRAY

MASKING TAPE

www.unipro-ikk.com

PRODUCT DESCRIPTION

Crepe Paper coated with Cured natural rubber adhesive.

Ideal use for auto painting, outdoor painting, masking, packing, marking, bundling, splicing and general applications.

FEATURES

- UV Resistant
- Clean release after use
- Easy Tear
- Able to stand extreme temperature
- Usable on all surfaces

TYPICAL PHYSICAL PROPERTIES

Total Thickness	150 micron
Backing	Crepe Paper
Adhesive	Cured Natural Rubber
Total Weight	91 ±3g/m ²
Steel Adhesion (ASTM D 3330)*	0.80 kg/in
Tensile Strength (ASTM D 3759)*	9.9 kg/in
Elongation (ASTM D 3759)*	9 ± 3%
Initial Tack (PSTC 6)	<80mm
Max Temperature Resis- tance	95° C
Application Temperature	80° C
Colour	Yellow

Total thickness Allowance: 2± micron



TYPICAL APPLICATIONS

Auto painting, Outdoor painting, Masking, Packing, Marking, Bundling, Splicing, General applications, Gift wrapping, Advertising, Decorations etc.

STORAGE & SHELF LIFE

Product should be stored in a cool, dry area in original packing and to use within 12month of shipment stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied need to be clean, dry, and free of grease, oil or other contaminants.

PRODUCT USE

It is essential that the user evaluate the Asmaco tape product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on the Asmaco Tape product between +10 ~ +60°C (+50 ~ +140 °F).



FIBER GLASS TAPE OF DRY WALL JOINTS

www.unipro-ikk.com

PRODUCT DESCRIPTION

Also known as Drywall Joint Tape is made from woven fiber to create a strong drywall joint. Ideal for Joint finishing and patching

FEATURES

- Fast and easy application
- Utilizes fiberglass yarns to greatly increase joint strength and durability for less cracking
- Permits same day joint finishing when used with a setting type compound
- Can also be used for patching holes and cracks
- Mesh tape allows compound penetration to strengthen the joint bond
- Self-adhesive to eliminate the need for an embedding coat
- Prevents blisters and bubbles
- Mold and moisture resistant

TYPICAL PHYSICAL PROPERTIES:

Material	Fiber Glass
Adhesive	Water Based Acrylic
Mesh Size	8 x 8
Nominal Mass	60gm/m2

Total thickness Allowance: 2± micron



TYPICAL APPLICATIONS

Indoor painting, Masking, Packing, Marking, Bundling, Splicing General applications, Gift wrapping, Advertising, Decorations etc.

STORAGE & SHELF LIFE:

Product should be stored in a cool, dry area in original packing and to use within 12month of shipment stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied need to be clean, dry, and free of grease, oil or other contaminants.

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POLYURETHANE FOAM SPRAY

www.unipro-ikk.com

PRODUCT DESCRIPTION

Single Component, moisture curing PU Foam. Mainly used for sealing and insulation, filling of joints and cavities.

TYPICAL PHYSICAL PROPERTIES

Density	14-30 Kg/m ³
Adhesive Strength	PVC to PVC:143 kPa, Aluminum Plates : 133 kPa
Elongation at Break	8-20 %
Shear Strength	22-50 kPa
Compression Strength	35-100 kPa at 10% compression
Water absorption	0.03% Volume
Thermal conductivity	35° C W/(m.K) less than 0.050
Tack Free time	15 minutes .at 23°C/50% RH
Yield per 100 ml	6 liters
Closed Cells	60-70%



FEATURES

- 300% - Triple Expanding Foam
- Quick drying, moisture curing
- Closed cell structure, resistant to water absorption
- Excellent thermal insulation characteristics
- Suitable for sealing high volume low moment gaps.
- CFC Free

TYPICAL APPLICATIONS

Shake can vigorously for one minute before use. If accept gun type, convert can and firmly screw gun on can, turn the flow adjustment screw and turn flow. If accept straw type, screw plastic straw on can firmly, aim straw at gap then spray. When spray please pay attention to the speed. Fill vertical joints from the bottom up when half filled enough. When fill gaps in ceiling, uncured foam may drop because of gravity, please support properly after filling until foam cure and adhere to the gap. Foam is tack free after about 10 minutes, can be cut after 60 minutes. Use a knife to smooth the cured foam and treated surface with cement, paint or silicone

SURFACE PREPARATION

All surfaces should be clean from oil, greases, loose particles and dust. Dry surface should be will sprayed or dampened with water.

STORAGE & SHELF LIFE:

9 months when stored at 20°C / 50% relative humidity out of direct sunlight. Do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Do not spray on naked flame or any incandescent materials. Keep out of reach of children.

PACKING

12 cans / carton.

SIZES

330ml / 500ml / 750ml

POLYURETHANE FOAM SPRAY – FIRE RETARDANT

www.unipro-ikk.com

PRODUCT DESCRIPTION:

ASMACO GOLD B2 FIRE RETARDANT with CFC Free propellants is a Single Component, moisture curing PU Foam.

Excellent Fire Retardant properties Mainly used for sealing and insulation, filling of joints and cavities.

TYPICAL PHYSICAL PROPERTIES:

Density	12-20 Kg/m ³
Adhesive Strength	PVC to PVC:143 kPa, Aluminum Plates : 133 kPa
Elongation at Break	8-20 %
Shear Strength	22-50 kPa
Compression Strength	35-100 kPa at 10% compression
Water absorption	0.03% Volume
Thermal conductivity	35 ^o C W/(m.K) less than 0.050
Tack Free time	15 minutes .at 23 ^o C/50% RH
Yield per 100 ml	6 liters
Closed Cells	60-70%
Closed Cells	-40 ^o C to +90 ^o C when cured
Closed Cells	Confirms to B2 (DIN 4102)

PACKING

12 cans / carton.

SIZES

750ml



FEATURES:

- 300% - Triple Expanding Foam
- Temperature resistant -40 - +90°C
- Efficient seal against smoke and gas
- Excellent adhesion on most substrates(except Teflon PE, and PP)
- Can be painted after curing
- Quick drying, moisture curing
- Closed cell structure, resistant to water absorption
- Excellent thermal insulation characteristics
- Suitable for sealing high volume low moment gaps.
- CFC Free

TYPICAL APPLICATIONS

Shake can vigorously for one minute before use. If accept gun type, convert can and firmly screw gun on can, turn the flow adjustment screw and turn flow. If accept straw type, screw plastic straw on can firmly, aim straw at gap then spray. When spray please pay attention to the speed. Fill vertical joints from the bottom up when half filled enough. When fill gaps in ceiling, uncured foam may drop because of gravity, please support properly after filling until foam cure and adhere to the gap. Foam is tack free after about 10 minutes, can be cut after 60 minutes. Use a knife to smooth the cured foam and treated surface with cement, paint or silicone

SURFACE PREPARATION

All surfaces should be clean from oil, greases, loose particles and dust. Dry surface should be will sprayed or dampened with water.

STORAGE & SHELF LIFE:

12 months when stored at 20°C / 50% relative humidity out of direct sunlight. Do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Do not spray on naked flame or any incandescent materials. Keep out of reach of children.

FOAM CLEANER

www.unipro-ikk.com

ASMACO 2500

PRODUCT DESCRIPTION

ASMACO 2500 is a single component acetic cure silicone sealant which vulcanizes on exposure to moisture in the air at room temperature, to produce a flexible elastomeric sealant. It is suitable for all common construction and glazing application. It is easy to apply and offers excellent adhesion to a variety of nonporous substrates such as glass, glazed ceramic tiles and aluminum. It is resistant to ozone, ultra-violet radiation and temperature extremes.

APPLICATIONS:

- General purpose sealing and bonding
- Gap filling
- Sealing of gaps between door and window frames
- Aluminum, steel, painted metal, and plastics

TYPICAL PROPERTIES:

Cure system	Acetic
Color	Standard colors – Clear, White, Black
Specific Gravity	0.94
Slump	Nil
Skin over time @ 25°C, Minutes max	10
Tack free time, minutes @ RT, Approx	30
Cure rate, mm/day	4
Elastic Recovery , % Approx	>90
MECHANICAL PROPERTIES, 2mm thick sealant	
Tensile @%100 elongation, MPa, Approx.	0.4
Tensile Strength, MPa, Approx.	1.00
Elongation at Break, % , Approx	500

FEATURES:

- Easy – to – use one component type.
- Cures at room temperature at ambient humidity conditions.
- Outstanding adhesiveness to many non porous substrates, including Glass, Glazed Ceramics, Aluminum, Masonry, some Plastics' etc ...
- All temperature gunnability – can be applied in all temperatures.
- Wide service temperature range from -20° C to 110°C
- Excellent resistance to weathering, moisture, ozone, UV, temperature Extremes etc...

USAGE INSTRUCTIONS:

SMACO 2500 is supplied as a ready to use product. The product can be used with normal caulking guns. Surface must be clean, dry and should be free from oil, grease, dust and frost. After suitable joint preparation and masking, attach the nozzle to cartridge, cut to required dimension and the sealant is gunned into gap continuously. The non sag paste consistency of the material makes it very friendly to use, easy to tool with spatula. The product cures at room temperature when it is exposed to moisture and the curing happens from surface to inside the sealant. The skin formation happens within a maximum period of 10 minutes. Any necessary tooling has to be completed within 5 minutes of application. If in case masking tape is used to mark off the area, it has to be removed before skin is formed. Install backing material or joint filler, setting blocks, spacer shims and tapes. Mask areas adjacent to joints to ensure neat sealant lines. Primer is generally not required on non-porous surfaces, but may be necessary for optimal sealing of certain porous surfaces. A test placement is always recommended. Apply Asmaco 2500 Silicone Sealant in a continuous operation using positive pressure. (The sealant can be applied using many types of air-operated guns and most types of bulk dispensing equipment.) Before a skin forms (typically within 5 minutes), tool the sealant with light pressure to spread the sealant against the backing material and joint surfaces. Remove masking tape as soon as the bead is tooled.

DUCT TAPE

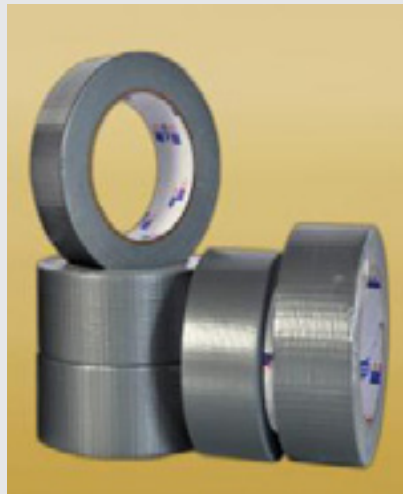
www.unipro-ikk.com

PRODUCT DESCRIPTION

PE-coated cloth Tape with a pressure sensitive rubber adhesive coating combined to provide a quality product. It is a good choice for bundling, heavy carton packing, general maintenance, pipe wrapping, carpet fixing, air-conditioning ducts seam and joint sealing etc.

FEATURES

- High Tensile Strength.
- Excellent Moisture Resistant, Easy Tear and Conforms well to irregular surfaces.
- Water resistant backing.
- Service Temperature range from -20° to +60°C (-4°to +140°F).



TYPICAL APPLICATIONS

Packaging, Wrapping & Sealing, Binding & Bundling, General Maintenance, Pipe Wrapping, Carpet Fixing, Air-Conditioning Duct's Seam and Joint Sealing .

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied need to be clean, dry, and free of grease, oil or other contaminants.

STORAGE & SHELF LIFE

Product should be stored in a cool, dry area in original packing and to use within 12month of shipment stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

PRODUCT USE

Your exclusive remedy & Asmaco Tape obligation shall be, at Anchor Allied Factory's option, to replace or repair the product or refund the purchase price of the product.

TYPICAL PHYSICAL PROPERTIES

PE Film Thickness	50 Micron	
Total Thickness	178 Micron	
Reinforcement	PET Cloth	
Tensile Strength	74 N/25mm	PSTC-31
Elongation	15%	
Adhesive	Natural Rubber / Resin	
Adhesion to Steel (in of Width)	41 (11 N/25mm)	PSTC-1
Quick Stick to Steel (in of width)	13.5 (3.7N/25mm)	PSTC-33
Colour	Silver Grey	

PAINT SPRAY

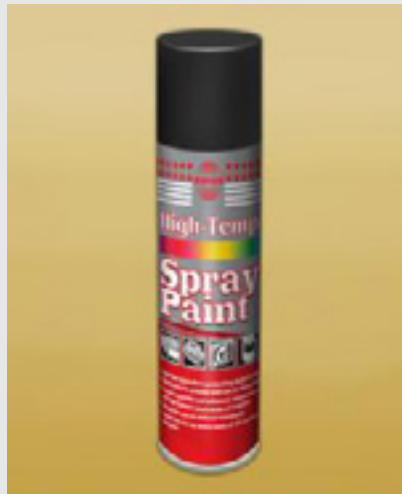
www.unipro-ikk.com

PRODUCT DESCRIPTION

High Temp Paint has a very good thermal resistance ranging from 400° - 600°C. The paint contains silicon resin along with high quality pigment. Most suitable for chimney, barbecues, engines and motorcycles, furnace, stove oven etc

FEATURES

- Quick drying, smooth finish.
- Premium quality, high durable.
- Interior and exterior application.
- Ideal for chimney, barbecues, engines and motorcycles, furnace, stove oven etc.
- Non fading, none yellowing, weather resistant.
- Resistant up to 400°- 600°C.
- High coverage ability without running or excessive thickness
- Excellent finish
- Aerosol formulation gives quick, even spray
- CFC Free



TYPICAL APPLICATIONS

Shake the spray can as well for at least 1 minute at every interval of use. Hold the container approximately 25 to 30 cm away from the object to be painted. Wait for few minutes between applications of each layer.

For complete harden and adhesion, allow the object to dry for one hour at room temperature. Then heat for 45 to 60 minutes at 180°C

SURFACE PREPARATION

Remove all dust, rub off rust, and vanish off grease, after that treat with IPA

STORAGE & SHELF LIFE

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight. do not expose to temperatures exceeding 500C because the cans contain pressurized gas. It may burn above 50°C. Do not pierce or burn even after use. Do not spray on naked flame or any incandescent materials. Keep out of reach of children.

PACKING

Spray Paint is supplied as 12 cans / carton.

SIZE

400 ml

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	Silver 600	Silver 400	Matt Black
Physical Appearance	Colored Liquid	Colored Liquid	Colored Liquid
Color	Silver	Silver	Matt Black
Odor	Solvent	Solvent	Solvent
Resistant to Heat	600°C	400°C	400°C
Flash Point	Not Measurable	Not Measurable	Not Measurable
Surface dry at room temperature	10 – 15 min	10 – 15 min	10 – 15 min
Hard dry	1 Hr	1 Hr	1 Hr
Complete Curing	24 Hr	24 Hr	24 Hr
Health and Safety	Flammable	Flammable	Flammable