



PROTECTING YOUR WORLD

STACguard

STACguard

Adhesive Overwrap Tape

Description

A highly conformable, pressure-sensitive overwrap of plasticized, self-adhesive PVC tape. Multiple color options, handy roll sizes.

Uses

Provide increased mechanical strength and electrical resistance when applied over STACwrap for protection against backfill and soil stress.

Characteristics

STACguard is highly impermeable to water, water vapor and air.

STACguard is excellent long-term resistance to seawater, alkalis, acid, oil and bacteria.

STACguard is non-toxic, non-flammable with high dielectric strength and highly resistant to mineral acids.

Available in Multiple colors for preference and/or ID compliance.

Application

Spiral wrap STACguard self-adhesive tape over the STACwrap to provide better mechanical protection. STACguard is not needed in every application of the STAC Coating System.

STACguard is recommended in high traffic or high use areas and where frequent mechanical contact occurs.

STACguard is recommended in most buried and submerged applications to protect from soil stresses and pressures, leaching of the petrolatum compound to the soil, and increase the electrical isolation.

Particulars	Properties	Test Method
Material	Polyvinyl Chloride	---
Thickness	0.110 mm	ASTM-D1000
Tensile strength	15 N/cm	ASTM-D1000
Dielectric rigidity (single layer)	5 kV	ASTM-D149
Adhesion strength	1.5 N/cm	ASTM-D1000
Elongation at break	180%	ASTM-D1000
Application temperature	-25 °C to +55 °C	---
Operation temperature	-30 °C to +70 °C	---
Colors	Black, White, Blue, Green, Red	---

Tape Dimensions

Tape Width	m2/Roll	m2/Case	Pipe Diameter Range
50 mm	2.05	65.6	15 – 25 mm
100 mm	4.10	65.6	40 – 80 mm
150 mm	6.15	61.5	100 – 200 mm
200 mm	8.20	65.6	250 – 600 mm
250 mm	10.25	41.0	600 – 700 mm
300 mm	12.30	49.2	≥ 700 mm

* All rolls are 41 meters in length.



PROTECTING YOUR WORLD

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STACguard T

Thick Overwrap Tape

Description

A very tough conformable, and pressure-sensitive overwrap of plasticized, PVC/PE tape.

Uses

Provide increased mechanical strength and electrical resistance when applied over STACwrap for protection against backfill and soil stress.

Characteristics

STACguard T is highly impermeable to water, water vapor and air.

STACguard T is excellent long-term resistance to seawater, alkalis, acid, oil and bacteria.

STACguard T is non-toxic, non-flammable with high dielectric strength and highly resistant to mineral acids.

Available in Multiple colors for preference and/or ID compliance.

Application

Spiral wrap STACguard T self-adhesive tape over the STACwrap to provide better mechanical protection. STACguard T is not needed in every application of the STAC Coating System.

STACguard T is recommended in high traffic or high use areas and where frequent mechanical contact occurs.

STACguard T is recommended in most buried and submerged applications to protect from soil stresses and pressures, leaching of the petrolatum compound to the soil, and increase the electrical isolation.

Particulars	Properties	Test Method
Material	Polyvinyl Chloride	---
Thickness	0.25 mm	ASTM-D1000
Tensile strength	15 N/cm	ASTM-D1000
Dielectric rigidity (single layer)	19 kV	ASTM-D149
Adhesion strength	300 g / 25mm	ASTM-D1000
Elongation at break	180%	ASTM-D1000
Application temperature	-25 °C to +55 °C	---
Operation temperature	-30 °C to +70 °C	---
Colors	Black backing	---

Tape Dimensions

Tape Width	m2/Roll	m2/Case	Pipe Diameter Range
50 mm	2.05	65.6	15 – 25 mm
100 mm	4.10	65.6	40 – 80 mm
150 mm	6.15	61.5	100 – 200 mm
200 mm	8.20	65.6	250 – 600 mm
250 mm	10.25	41.0	600 – 700 mm
300 mm	12.30	49.2	≥ 700 mm

* All rolls are 41 meters in length.



PROTECTING YOUR WORLD

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STACguard Y

Yellow Adhesive Overwrap Tape

Description

A tough conformable, pressure-sensitive overwrap of plasticized, self-adhesive PVC tape. Handy rolls in Yellow color.

Uses

Provide increased mechanical strength and electrical resistance when applied over STACwrap for protection against backfill and soil stress.

Characteristics

STACguard Y is highly impermeable to water, water vapor and air.

STACguard Y is excellent long-term resistance to seawater, alkalis, acid, oil and bacteria.

STACguard Y is non-toxic, non-flammable with high dielectric strength and highly resistant to mineral acids.

Available in Yellow colors for preference and/or ID compliance.

Application

Spiral wrap STACguard Y self-adhesive tape over the STACwrap to provide better mechanical protection. STACguard Y is not needed in every application of the STAC Coating System.

STACguard Y is recommended in high traffic or high use areas and where frequent mechanical contact occurs.

STACguard Y is recommended in most buried and submerged applications to protect from soil stresses and pressures, leaching of the petrolatum compound to the soil, and increase the electrical isolation.

Particulars	Properties	Test Method
Material	Polyvinyl Chloride	---
Thickness	0.130 mm	ASTM-D1000
Tensile strength	15 N/cm	ASTM-D1000
Dielectric rigidity (single layer)	10 kV	ASTM-D149
Adhesion strength	2-4 N/cm	ASTM-D1000
Elongation at break	180%	ASTM-D1000
Application temperature	-25 °C to +55 °C	---
Operation temperature	-30 °C to +80 °C	---
Colors	Yellow backing	---

Tape Dimensions

Tape Width	m2/Roll	m2/Case	Pipe Diameter Range
50 mm	2.05	65.6	15 – 25 mm
100 mm	4.10	65.6	40 – 80 mm
150 mm	6.15	61.5	100 – 200 mm
200 mm	8.20	65.6	250 – 600 mm
250 mm	10.25	41.0	600 – 700 mm
300 mm	12.30	49.2	≥ 700 mm

* All rolls are 41 meters in length.



PROTECTING YOUR WORLD



STAC VHD

High Conformability Anticorrosion Tape

High Conformability Anticorrosion Tape

STAC VHD

Particulars	Properties
Thickness	2.0 ± 10% mm
Weight	2.2 kg/m ² avg.
Tensile strength	> 220 N/50 mm
Cathodic disbondment	Excellent
Dielectric rigidity (55% overlap)	≥ 25 kV
Water vapor permeability	0.003 perms avg.
Resistance to Acids, Alkalies and Salts	Excellent
Application temperature	-5 to +55 °C
Operation temperature	Max. 55 °C
Colour	White
Other recommended STAC Products	STACprime White
Shelf life	Unlimited



STAC VHD is a non-woven, plastic-fiber felt, fully saturated and coated with a mixed petrolatum compound (paraffin, microcrystalline, TiO₂) blended with inert fillers and corrosion inhibitors. It is most widely used for long-life corrosion protection, sealing and waterproofing of industrial atmospheric metal surfaces, pipes and fittings. The high degree of conformability allows for heavy duty application over irregular surface profiles and protruding objects including bolts, nuts, bolted flanges, and couplings. It is stable in composition and plasticity over a wide temperature range. It is non-hardening and non-cracking, which accommodates vibrations and extreme movement of the substrate. It is non-toxic, non-flammable with high dielectric strength and highly resistant to mineral acids, alkalis and salts. It is simple to apply, highly flexible, and it meets or exceeds AWWA Standard C217. It also has excellent long term UV stability. Many installations have service life of over 15 years.

Product Advantages

- Easy application
- Cost efficient
- No V.O.C.
- No special equipment necessary
- Minimal surface preparation
- Conforms to irregular surfaces
- Proven long life service



Designers & Manufacturers

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