



Friendly Feel™ Duct Wrap with PSK Facings and KwikStretch® Markings

White and black PSK facings offers exceptional durability and performance for exposed applications.

Q: What is PSK facing?

A: PSK (poly-scrim-kraft) facing is a tri-laminate material consisting of a white or black metalized polypropylene film, fiber glass reinforcing scrim and brown kraft. The smooth white or black composite material provides aesthetic benefits that are similar to those of Knauf vinyl facings, but offers several significant performance advantages.

Q: What performance advantages does the PSK facing provide?

A: In addition to its aesthetic benefits, the PSK facing provides several distinct advantages, especially over standard vinyl facings:

- Excellent water vapor permeance properties
- Outstanding resistance to water and inorganic chemical environments
- Highly resistant to deterioration by exposure to UV light
- Tough, durable, resistant to damage such as punctures and tears
- Excellent dimensional stability to resist wrinkling and sagging
- Highly resistant to environmental stress-cracking, yellowing or brittleness

Q: What types of applications is Duct Wrap with PSK facing best suited for?

A: Knauf Duct Wrap is used as external insulation on commercial or residential heating and air conditioning ducts (round or rectangular) and for spaces or surfaces where temperature and condensation must be controlled. The attractive finished appearance, durability and low vapor permeance rating of the white and black PSK facings make them especially well suited for exposed applications, boiler and equipment rooms, and high humidity applications.

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Q: How does the PSK facing handle environmental stress factors?

A: In a word, superbly. The polypropylene material does not dry out, yellow or become brittle, and it provides excellent resistance to environmental stress-cracking. When it is tested in accordance with ASTM D 1693-60T, it does not exhibit the brittle fractures that occur with certain polyethylenes when they come in contact with polar organic liquids, detergents and silicone fluids. Inorganic chemicals have produced little or no effect on the material over a six-month test period. Some slight dimensional changes and reduction in tensile strength can occur from absorption of organic oxidizing agents, depending on the rate and extent of the absorption.

Q: How well does the PSK facing resist abuse?

A: The scrim-reinforced facing is much stronger and tougher than standard vinyl, and is highly resistant to damage from punctures and tears. As a result, it stands up well to the inevitable abuse that occurs during maintenance and in high-traffic areas, such as mechanical rooms and other exposed applications.

Q: Can the PSK facing be cleaned?

A: Absolutely. The polypropylene surface is washable and tolerates detergents and many organic liquids very well. This makes the PSK facing well-suited to exposed applications where regular cleaning is anticipated.

Q: Does the PSK facing make the duct wrap any harder to cut or install?

A: Not at all. The scrim reinforcing and kraft backing give the facing substantial rigidity and make it as easy to cut as FSK facing. Installation procedures and stretch-outs are identical to those of products with FSK or vinyl facings.

Q: What specifications does Knauf Duct Wrap with PSK facing meet?

A: The insulation and facing meet most common building codes and specifications in the U.S. and Canada, including California Title 24, when installed properly. They also are tested in accordance with ASTM E 84, NFPA 255 and UL 723 and do not exceed 25 Flame Spread, 50 Smoke Developed.

Q: Is the appearance of the PSK facing suitable for open-ceiling jobs?

A: The attractive finished appearance and durability of the white and black PSK facings make them especially well suited for open-ceiling jobs. With black PSK you will have a disguised, blended finish against black ceilings common in restaurants and commercial settings. The professional look and finished appearance your customers are looking for is achieved upon installation of either Knauf Duct Wrap white or black PSK. The facing color does not affect the product's flame and smoke rating and eliminates the need for painting—saving you time and money.

Q: Is more information available on Knauf Duct Wrap with PSK facing?

A: For easy online access to information about all of Knauf's products, 24 hours a day, visit the Knauf Web site at www.KnaufInsulation.com. Or simply contact your local Knauf sales representative. For the number of the nearest representative, call (800) 825-4434 ext. 8283.

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Credit 5.1 - 5.2 Regional Materials