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Cut Resistant Antistatic High Temperature Tape

SGK5-05

Product Description

SGK5-05 is manufactured from extra strength, para-aramid (phlyeneterephthalamide) fiber cloth impregnated with a dispersion of anti-static PTFE (polytetraflouroethylene) coated with a high temperature silicone pressure-sensitive adhesive. This anti-static version of this product us black, providing protection from UV damage, to which para-aramid (phlyeneterephthalamide) fiber cloth is susceptible.

Application Information

SGK5-05 is specifically designed to resist abrasion, and provide added strength in high temperature wrapping applications where standard fiberglass cloth does not provide adequate chemical resistance and/or low friction release.

Technical Properties

Property	Characteristic
Backing Material	PTFE-Coated Para-Aramid Fabric
Adhesive Type	Super Stick Silicone
Total Thickness (in.)	0.007
Backing Thickness (in)	0.005
Adhesive Thickness (in.)	0.002
Adhesion to Steel (oz/in)	25
Break Strength (lb/in)	200/200
Trapezoidal Tear (lbs/in)	10/12
Elongation (%)	103
Operating Temperature (F)	-100 to 500
Color	Black



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Features Benefits

SGK5-05 provides strength, flexibility, slip, chemical resistance and UV stabilization in harsh environments where protection against abrasion commonly wears out standard fiberglass harness wraps. Low co-efficient of friction PTFE adds another dimension to harness wrapping by providing a measure of “lubricity”. Additionally, PTFE extends high temperature resistance to plain para-aramid (phlyeneterephthalamide) fiber cloth

NOTE:

1. *When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.*
2. *The above values are “Typical Values” which have a nominal range about them and are not intended for specification purposes*