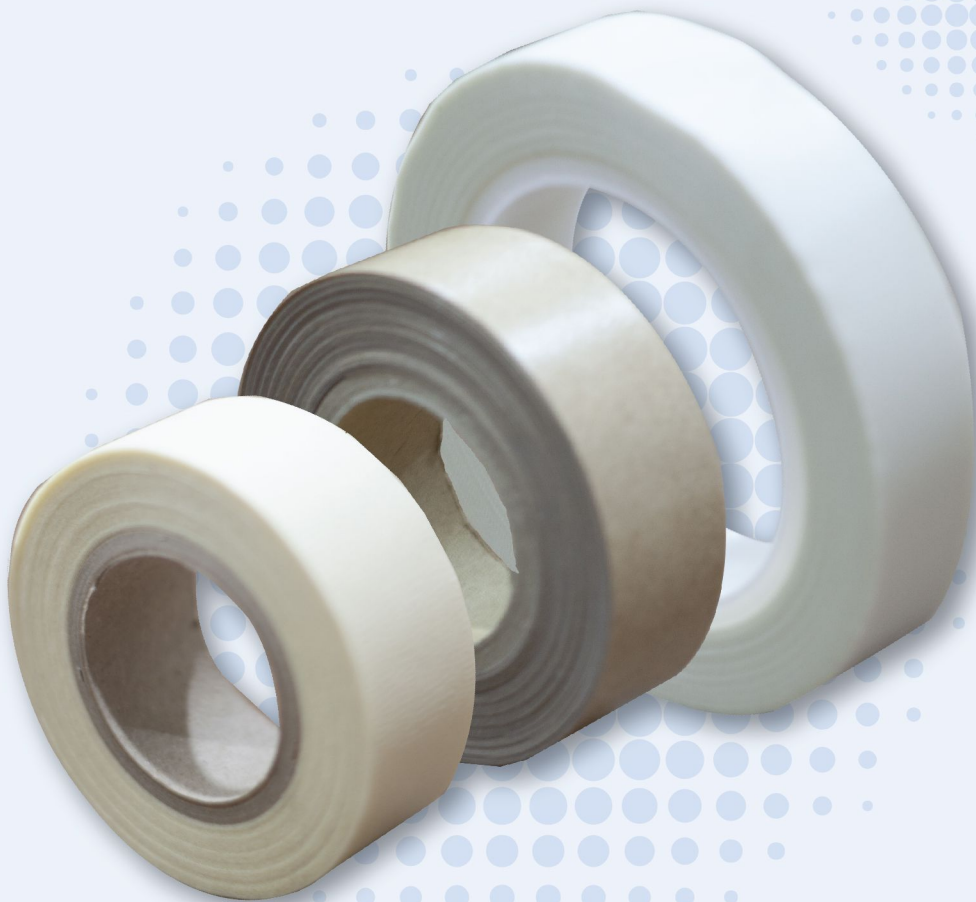


TAC-TAPE™ OIL



Taconic Tapes for Submersible Pump
Power Cable Splicing in Oil & Gas Industry



TAC-TAPE™ OIL

ABOUT

Taconic's Industrial Product Division manufactures high temperature, performance pressure sensitive adhesive tapes for electrical insulation. This business has a core competency in the formulation coating and curing of both acrylic and silicone adhesive on various substance like PTFE coated glass fabric, PTFE film and glass cloth, etc. The products described here are the products that are mainly used in power cable splicing of the submersible pump.

APPLICATION

Cable Splicing of the submersible pump in the oil & gas industries. These pumps are placed deep in the well with lots of contact with liquids and friction on the walls and grains. Taconic Oil Tapes™ ensure the strength of the connection in the splice as well as insulating against water, oil, and surges in the oil well.

PROPERTIES

- Excellent chemical resistance.
- Excellent electrical insulation.
- Excellent mechanical stretch;
: high elongation and strength.
- Excellent coefficient of friction.
- Excellent Impermeability.



6145-02



6113-05E2



6605-07





6145-02

(2mil FEP film with silicone adhesive)
Insulate inner electrical connection

6113-05E2

Virgin, skived PTFE film with silicone adhesive)
Insulate electrical connection against outside noises

6605-07

Woven fiber glass cloth with silicone adhesive protects against frictions on walls and grains



Specification

Product Code	6145-02	6113-05E2	6605-07
Substrate Type	FEP	Virgin, skived PTFE	Woven fiberglass ("E" type)
Adhesive Type	High temperature silicone	Acrylic	Silicone
Overall Thickness (Nominal)	0.102mm	0.178mm	0.180 - 0.195mm
Substrate Thickness (Nominal)	0.051mm	0.127mm	0.122mm
Adhesive Thickness (Nominal)	0.051mm	0.051mm	0.058 - 0.073mm
Tensile Strength (Nominal)	40 N/5cm	170 N/5cm	1000 N/5cm
Operating Temperature	-73°C to +200°C	-40°C to +177°C	-73°C to + 260°C
Dielectric Strength	> 8,500 volts	>13,000 volts	> 3,600 volts
Peel Strength	> 500gf/25mm	> 1,200gf/25mm	> 800 gf/25mm
Elongation (%)	> 280	> 200	3-7

A large, complex offshore oil rig structure is shown against a clear blue sky. The rig features multiple levels of steel platforms, scaffolding, and various industrial components. A prominent yellow crane is visible on the left side. The rig is supported by a yellow steel jacket structure extending into the blue ocean. The overall scene is brightly lit, suggesting a clear day.

*The Only Tape
You Need.*



TAC-TAPE™ OIL



TACONIC
KOREA TACONIC CO., LTD.

Sole Imported by :
PT. Langgeng Trada Teknik

info@langgeng.id | 0811 2141 608 (WA)

Langgeng.id/taconic