SUECOFLEX®
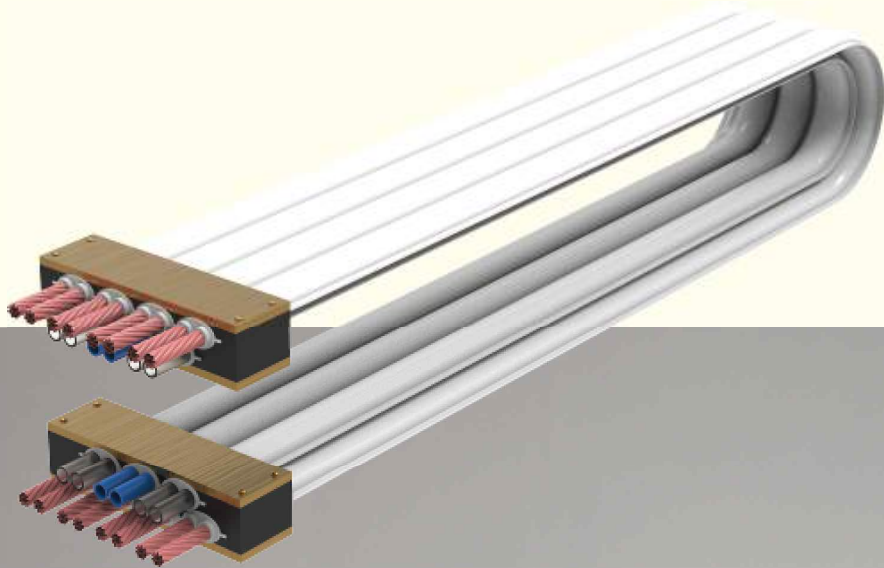
for Moving Cable application

SUECO Advanced Material Co.,Ltd.

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SUECO
ADVANCED MATERIAL Co., Ltd.

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SUECO is supplying ePTFE hybrid films for clean cable moving systems. It is made from our unique ePTFE film **SUECOFLEX**. This is cover material for POD and Flat cable. We also supply POD according to the customer's needs. **SUECOFLEX POD** shows dust free, silent moving and long cable life, which can guarantee reliable and compact cable design in the semiconductor and OLED industry.

SUECOFLEX Cable PU 25/35/45

This is a two-layer hybrid film; ePTFE and other polymer film like PU and THV. This is cover material for Flat cable and POD.

· Standard color: ◯ white ⬤ grey.
· Standard package : Max width 200mm × Max length 200m
 (with plastic tube)

Upper	Material	ePTFE
Top film	Thickness	0.09 ~ 0.13mm
	Density	0.7 ~ 1.0 g/cc
	Tensile strength	4,000 ~ 5,000N/c㎡
	Elongation	20 ~ 30%
Backing film	Material	Polyurethane
Total Thickness		0.25/0.35/0.45mm

SUECOFLEX POD 1 Pod ~ 6 Pod

Normal cableveyor generates particles , noise , vibration and wear problems. POD with customized cables and supporter can be the best choice for a clean compact moving cable system.

· Standard color: ◯ white ⬤ grey.
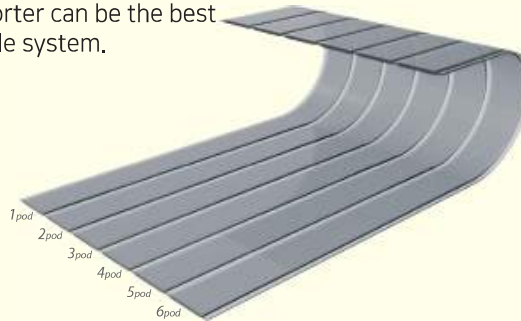
	Standard type				One-Pod type	
No. of Pod	Pod Width ∗	Total Width		No. of Pod	Pod Width ∗	Total Width
1 POD	20.5mm	25.1mm		1 POD	30mm	34.6mm
2 POD		47.9mm			40mm	44.6mm
3 POD		70.7mm			62mm	66.6mm
4 POD		93.5mm			83mm	87.6mm
5 POD		116.3mm			105mm	109.6mm
6 POD		139.1mm			125mm	129.6mm

∗ Width can be changed to the customer's needs   ∗ Other specs are available.

1pod
2pod
3pod
4pod
5pod
6pod

SUECOFLEX Jacket

This is a Jacket for the cable and other moving parts, preventing particles in the clean area.
This can be used as a cover of the POD/FLAT cable for the additional protection.
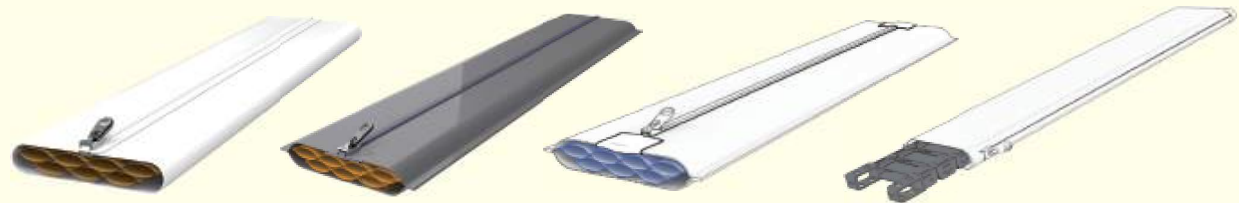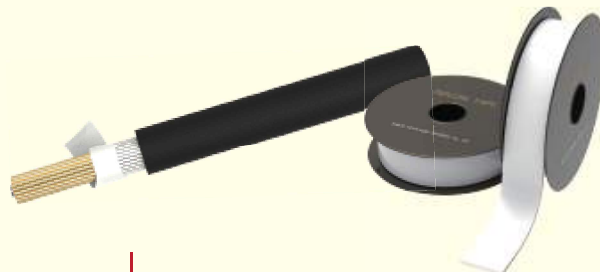
SUECOFLEX Tape

Electrical insulation film for coaxial cable.
· Thickness 0.03mm~0.5mm
· Width 2mm~200mm.
Wrapping tape for heating wire and pipe.

Other Application
◯ **ePTFE Ventilation and Filtration**
◯ **ePTFE Medical Application**
◯ **ePTFE Yarn & Fabric**