

SOLAR THERMAL APPLICATION HOSES
EF-FLEX PRE-INSULATED SOLAR HOSES (2in1 and 1in1)

EF-FLEX



Scan this QR Code



Advantages

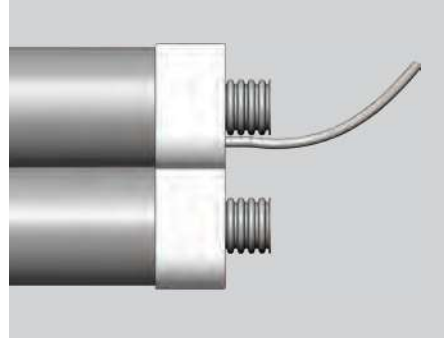
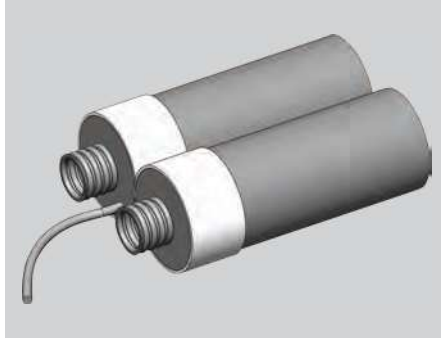
- UV resistant polyamide foil prevents the negative effects of the sun and protects the hose and the insulation against mechanical damages.
- Easy to bend and separate with using no additional tools.
- Low thermal conductivity coefficient [λ (0 °C) 0,036 W/m.K] helps to minimize thermal losses and provides high efficiency.
- Elastomeric rubber insulation is suitable to be applied up to 150 °C (Peak temperature 175 °C).
- UV resistant foil protects hose and insulation by preventing negative effects of the sun. Highly resistant to the birds and other external effects.

Design

Hose	Standard or open pitch corrugated metal hose (See page 14/18)
Hose Material	Stainless Steel AISI 316L
Foil Material	Separable Polyamide Foil
Sensor Cable	Silicone Cable
Insulation Material	EPDM, Rubber based insulation
Insulation Thickness	9mm/13mm/19mm

Connections

See page 86 and 103 for details (Kes-Tak Connection set & Push-fit Connection set)



Packaging

Ayvaz's pre-insulated EF-flex solar hoses are provided as the coils and bobbins in the lengths as shown in the following tables.



BOBBIN				
Diameter (DN)	DN12	DN16	DN20	DN25
Max. Length (m)	150	150	125	100

COIL				
Diameter (DN)	DN12	DN16	DN20	DN25
Max. Length (m)	10-50	10-50	10-50	10-50