



Photo : HELUKABEL®

Cable for photovoltaic

Selection tables

Properties	Type	SOLARFLEX® 100 / 110	SOLARFLEX® 101 / 111	SOLARFLEX® 104 / 105	SOLARFLEX® 106 / 107	SOLARFLEX® 108 / 109	NYO-O	H07RN-F
Flexible		●●●	●●●	●●●	●●●	●●●●●	●	●●●
Abrasion-resistant		●●●	●●●	●●●	●●●	●●	●●●	●
Flame resistant		●●●	●●●	●●●	●●●	●●●	●●●	●●●
Halogen-free		yes	yes	yes	yes / no	no	no	no
Recyclable		yes	yes	yes	yes	yes	yes	yes
Marten a. rodent protection		no	yes*	no	no	no	no	no
UV-resistant		●●●	●●●	●●●	●●●	●●●	●●●	
Approvals		VDE, TÜV, UL***	VDE, TÜV**	UL	-	-	VDE	HAR
Temperature		+90°C	+120°C	+90°C	+90°C/+80°C	+80°C/+80°C	+70°C	+60°C
AC nominal voltage		600/1000V	600/1000V	600/1000V	600/1000V	600/1000V	600/1000V	450/750V
DC nominal voltage		900/1500V	900/1500V	900/1500V	900/1500V	-	-	-
Test voltage 50Hz		4000V	4000V	4000V	4000V	3000V	4000V	2500 V
Minimum bending radius (X x Leitungsdurchmesser)		4 x	4 x	4 x	4 x	4 x / 6 x	12 x	4 x

* applies only to SOLARFLEX 101-V4A LiTPE TPE

** in preparation

*** UL approved on request