

**PRODUCT DATA SHEET No 006A/6B/22**

Product name: **RKSG/PV, RKCG/PV corrugated flexible PVC pipe.**

Manufacturer: **ELEKTROPLAST SP. Z O.O 32-431 STRÓŻA 1015**

Reference documents:	PN-EN 61386-1:2011/A1:2019 ; PN-EN 61386-22:2021 ; NZ EL-PL 001/4/2010 ; PN-EN 13501-1:2019 ; LVD Directive 2014/35/EU ; Directive 2011/65/EU
Intended use:	<b>RKSG/PV UV PVC corrugated flexible pipes, RKSG/PV UV/WITH GUIDE WIRE/</b> are designed for the protection and routing of insulated cables and/or wires in <b>outdoor</b> photovoltaic installations. Used in installations with increased fire risk (wooden and other flammable constructions). <b>RKCG/PV flexible PVC corrugated pipes UV heavy type 1250N, (heavy type 1250N with guide wire)</b> are conduits for the protection of conductors and/or cables against mechanical damage, moisture and UV radiation. The most common application is the protection of cables and/or wires in outdoor installations of <b>photovoltaic and wind farms.</b>
Product characteristics:	<ul style="list-style-type: none"> <li>• UV-modified, <b>self-extinguishing</b> corrugated flexible PVC pipe</li> <li>• Version <b>with and without guide wire</b></li> <li>• Reaction to fire: <b>B-s2, d0</b></li> <li>• UV-resistant for temperate climates</li> <li>• Black colour</li> </ul>
• UV-resistant for temperate climates - <b>RKSG/PV</b>	<b>11.2 GJ - warranty 7 years from date of manufacture</b>
• UV-resistant for temperate climates - <b>RKCG/PV</b>	<b>24 GJ - guaranteed for 15 years from date of manufacture</b>
Compression resistance- <b>RKSG/PV</b>	<b>750N</b>
Compression resistance - <b>RKCG/PV</b>	<b>1250N</b>
Chemical resistance:	Resistant to alcohols, aromatic-free petrol, glycol, hydrochloric acid (100% at 60°C) , nitric acid (10% at 60°C), sulphuric acid (96% at 20°C), diesel fuel at 20°C, hydrogen sulphide at 60°C.
Temperature range:(transport, installation ,operation)	(-25°C) to (+60°C)
External diameters [mm]:	<b>RKSG/PV16;18;20;23;25;28;32;40</b> <b>RKCG/PV 25;32;40;50</b>



Fig. 1,2, RKSG/PV 750 N with and without guide wire



Fig. 3.4 RKCG/PV 1250 N without and with guide wire

Catalogue no.	External/Internal Ø	No of linear metres in the roll	Catalogue no.	External/Internal Ø	No of linear metres in the roll
RKSG/PV 750N without guide wire			RKSG/PV 750N with guide wire		
05.200	16/11	50	05.220	16/11	50
05.201	18/13,5	50	05.221	18/13,5	50
05.202	20/14,5	50	05.222	20/14,5	50
05.204	23/18	50	05.224	23/18	50
05.205	25/19	50	05.225	25/19	50
05.206	28/23	50	05.226	28/23	50
	32/25	50	05.227	32/25	50
05.216	40/33	25	05.236	40/33	25
Catalogue no.	Ø external/ internal	No of linear metres in the disc	Catalogue no.	Ø external/ internal	No of linear metres in the disc
RKCG/PV 1250N without guide wire			RKCG/PV 1250N with guide wire		
05.242	25/19	50	05.252	25/19	50
05.244	32/25	50	05.254	32/25	50
05.245	40/33	25	05.255	40/33	25
05.246	50/42	25	05.256	50/42	25

The above information is based on the current state of knowledge and applies to the product as manufactured by the manufacturer: Elektroplast Spółka z ograniczoną odpowiedzialnością.

In the case of use of the product for purposes other than those stated by the manufacturer, the responsibility for the safety, duration and quality of use of the products falls on the user.

**The product data sheet was prepared by: Stanisław Klakla - Production Director**

ELEKTROPLAST  
Spółka z ograniczoną odpowiedzialnością  
DYREKTOR PRODUKCJI

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