

# FLEXIBLE CORRUGATED DUCTS FOR VENTILATION AIR TRANSFER



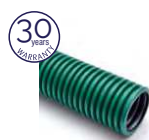
BLACKFLEX /  
BLUE /  
ProFlex Oval /  
SPECTRA® /  
IP KANAŁ /  
IP KANAŁ OV /

## Ducts general features:



- Hygienic certificate PZH
- National Declaration of Performance (KDWU)
- Bactericidal testing in a 24-hour test (5 strains of bacteria)
- Fungicidal testing in a 28-day test (4 fungal strains)
- Antistatic testing of the inner layer
- Pressure loss test
- 30-year warranty on the duct and microbiological effect
- 7 ducts diameters available: 50, 63, 75, 90, 110, 160, 200
- Can be used for GHE-ground heat exchanger (160, 200)
- Durability 500N
- Flammability class D-s2, d2
- HF FR versions available on request (halogen-free and self-extinguishing)
- Each roll is secured with plugs, fastened with tape and secured with stretch foil.
- Each pallet is protected with UV-resistant stretch foil (possibility of storing outside in all conditions)
- The microbiological additive contains a UV additive that shows the full saturation (spreading) of the additive over the entire surface of the inner layer. Can be checked with a UV flashlight.
- No migration of the microbiological additive from the inner layer confirmed by tests
- Available for ducts: special cutter, gaskets (if needed), connection sockets, end caps, holders, reductions, adapters, insulations

\* LS - low smoke version



IP KANAŁ GREEN  
Airflex Spectra 1000



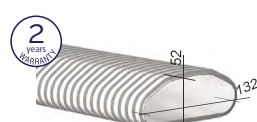
IP KANAŁ (1)



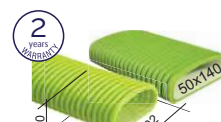
IP KANAŁ (2) Spectra 200



IP KANAŁ (3) Blackflex Spectra 200



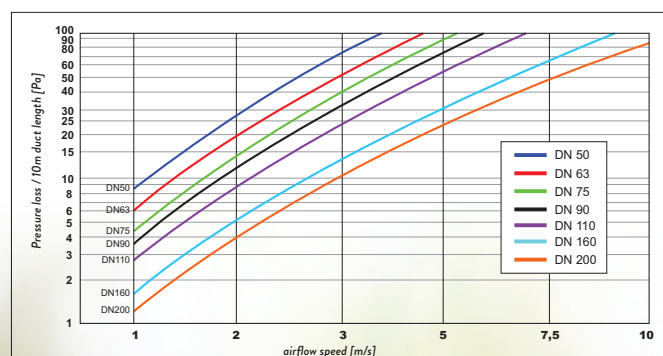
ProFlex Oval PROV 132x52



IP KANAŁ OV oval

DUCTS FEATURES								Prices / roll	ØD external [mm]	Roll [m]	Ø50	Ø63	Ø75	Ø90	Ø160	Ø200
1	2	3	4	5	6	7	8									
•	•	•	•	•	•	•	•	IP KANAŁ GREEN Airflex Spectra 1000			125,00 €	135,00 €	140,00 €	190,00 €	375,00 €	500,00 €
•	•	•	•	•	•	•	•	IP KANAŁ (1)			-	-	140,00 €	-	-	470,00 €
•	•	•	•	•	•	•	•	IP KANAŁ (2) Spectra 200			75,00 €	90,00 €	110,00 €	125,00 €	-	-
•	•	•	•	•	•	•	•	IP KANAŁ (3) Blackflex Spectra 200					120,00 €			
•	•	•	•	•	•	•	•	ProFlex Oval 132x52	[55m³/h at 3m/s]		Equivalent diameter ØD=90mm / Price: 190 € / 20m (roll); 14 rolls/palette					
•	•	•	•	•	•	•	•	IP KANAŁ OV oval 50x102mm	[32m³/h at 3m/s]		Equivalent diameter ØD=75mm / Price: 300 € / 30m (roll); 6 rolls/palette					
•	•	•	•	•	•	•	•	IP KANAŁ OV oval 50x140mm	[47m³/h at 3m/s]		Equivalent diameter ØD=90mm / Price: 300 € / 20m (roll); 7 rolls/palette					

## Pressure loss / 10m



## SPECTRA - extended microbiological protection

The ducts with this marking have an internal wall made entirely of **antibacterial and antifungal material**, which protects the ducts against colonization by microorganisms dangerous to humans. The material from which they are made has been developed with the participation of scientific centers and is protected by patents. **High protection against various types of bacteria and fungi has been confirmed.** The material contains silver in the amount of 150ppm, copper and other microbiologically active compounds in the polymer matrix, thanks to which they do not undergo migration, ionization and elution processes, which has been confirmed in laboratory tests. The composition of used ingredients is completely safe for humans, animals and plants. All materials used are approved for contact with food. The substances used ensure in practice an indefinite bactericidal and fungicidal effect and prevent the formation of defense mechanisms by bacteria and fungi, regardless of the temperature and humidity of the air. In addition, the inner layer has been enriched with a specific marker that **emits visible light when exposed to UV radiation** (patented method). It allows for quick and non-invasive control of the uniformity of material saturation with active substances, their dispersion and concentration, thanks to which any production deviations from the assumed parameters can be detected in a short time.



**inwestklima**  
tworzymy dobry klimat

Inwest-Klima Sp. Jawna  
ul. Przędzalniana 8  
15-688 Białystok, Poland  
NIP: 966 187 76 15



+ 48 85 662 24 64



[www.inwestklima.com.pl](http://www.inwestklima.com.pl)  
[biuro@inwestklima.com.pl](mailto:biuro@inwestklima.com.pl)

Cennik 01.2025