

HIFLEX®

400 Hz AIRCRAFT GROUND POWER CABLES

AGP400 & AGP400i



**ROBUST & HIGH FLEXIBLE
400 Hz CABLES**

WITH **2** FUNCTIONS IN **1** SOLUTION:
POWER & CONTROL

HIFLEX®

- *High flexibility*
- *Excellent abrasion resistance*
- *Weather & Oil resistance*
- *Several versions available*
- *Halogen free*



CABLES FOR GLOBAL
PERFORMANCE

HIFLEX®

400 Hz AIRCRAFT GROUND POWER CABLES AGP400 & AGP400i

APPLICATIONS

Thanks to our moving cables expertise and total mastery of our electrical cable manufacturing processes, our R&D engineers have developed the **HIFLEX® 400 Hz cables**.

They are used to provide an **electrical connection between the ground and the aircraft**, allowing battery charging, pre-flight provisions, checks and maintenance operations. Made with extra-flexible core and a polyurethan (PUR) outer sheath, our **HIFLEX® 400 Hz cables** are very robust and can be frequently attached, detached and moved.

Most 400 Hz cables are a highly visible yellow or orange colour, but they can also be black. They are available in several versions: single core, 2- / 3- / 4- twisted cores (with or without the pilots cores inside the power conductor).



CHARACTERISTICS

EXTRA-FLEXIBLE CORE, CLASS 6 ACC.IEC 60228

- ✓ High flexibility
- ✓ 35 to 120 mm²

OUTER POLYURETHAN SHEATH (PUR)

- ✓ Excellent abrasion resistance
- ✓ Weather & Oil resistance
- ✓ Halogen free

OPERATING TEMPERATURE

- ✓ Fixed laying: -40°C to +90°C
- ✓ Flexible applications: -20°C to +90°C

VOLTAGE RATING

- ✓ 600/1000 V

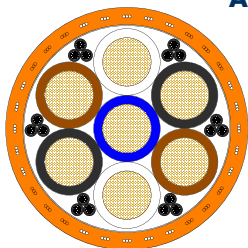
SEVERAL VERSIONS AVAILABLE

(more details below)

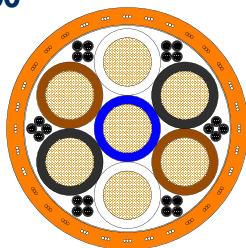
CUSTOMIZED PRODUCTS ON REQUEST

STANDARD VERSIONS OF HIFLEX® 400 Hz CABLES

AGP400

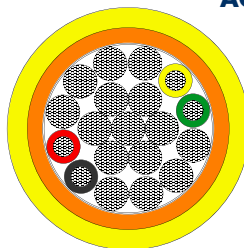


Version with 18 pilot cores

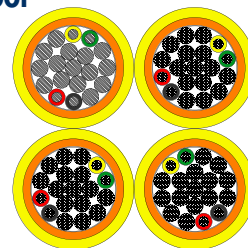


Version with 24 pilot cores

AGP400i



Single core version



Twisted version with 4 cables

DIMENSION & LINEAR WEIGHT

Item code	HIFLEX® reference	Composition	Minimum bending radius (mm)	Nominal outer diameter (mm)	Approx. linear weight (kg/km)
RCG1346001	AGP400	7 x 35mm ² + 18 x 1mm ²	4 x Ø (static) 6 x Ø (dynamic)	40.0	3200
RCG1346002		7 x 35mm ² + 24 x 1mm ²		40.0	3200
RCG1347001	AGP400i	1 x 70mm ² + 4 x 1mm ²		18.5	930
RCG1347002		4 x (1 x 70mm ² + 4 x 1mm ²)		45.0	3800

Please contact us for more technical information

Customized products on request

- > Contact us to define with our sales engineers the product best suited to your application.

Specific versions on request:

- > Additional mechanical protection
- > Other compositions & constructions



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