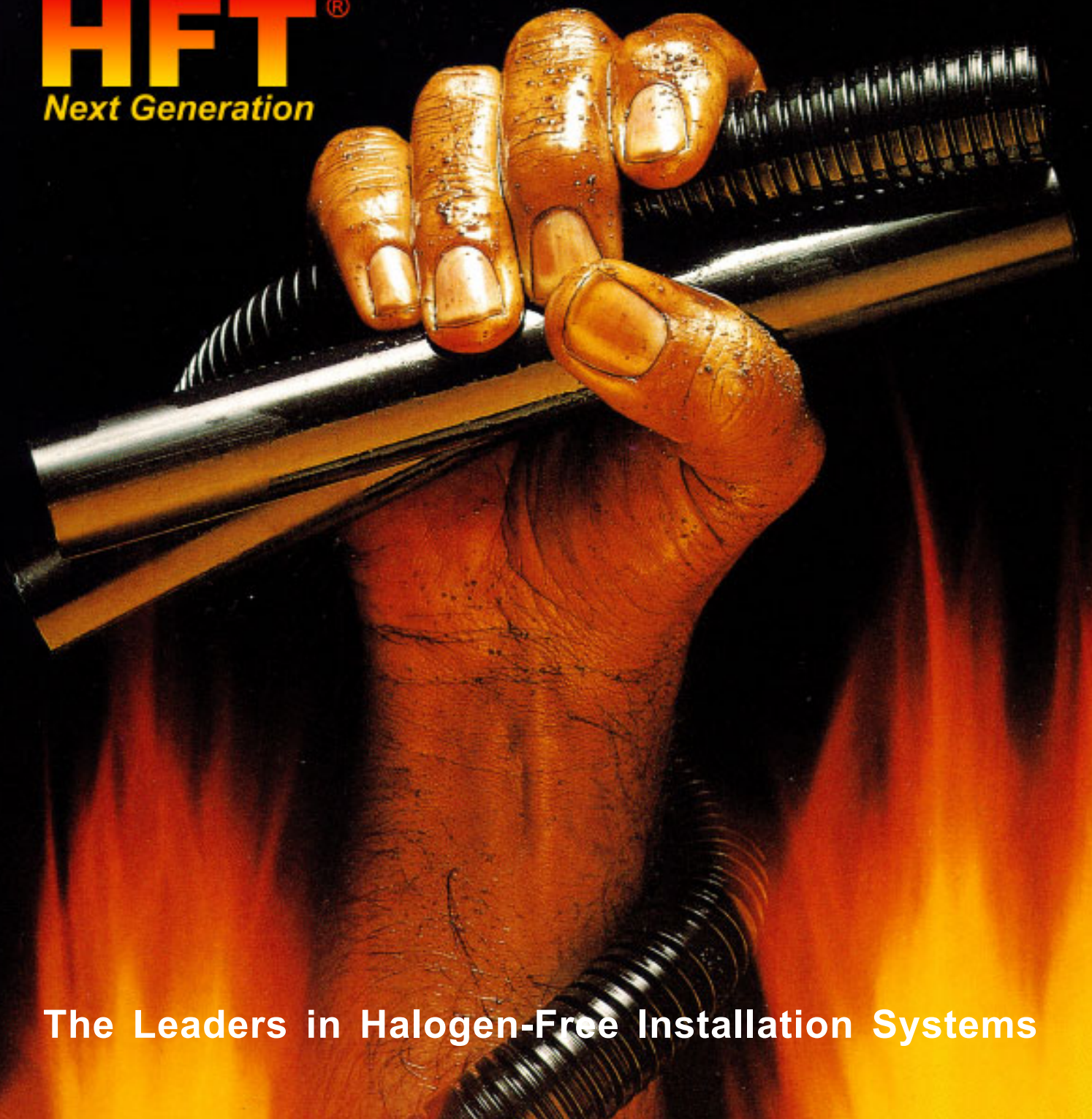


DIETZEL
UNIVOLT

CABLE MANAGEMENT SYSTEMS

HALOGENFREE • FLAMERETARDANT • TEMPERATURE RESISTANT

HFT[®]
Next Generation



The Leaders in Halogen-Free Installation Systems

HFT

HALOGENFREE • **F**LAMERETARDANT • **T**EMPERATURE RESISTANT

SAFETY IN CASE OF FIRE

Plastic materials used by us for the production of **halogenfree** installation systems do not contain toxic halogens and therefore offer following **decisive advantages** over conventional systems:

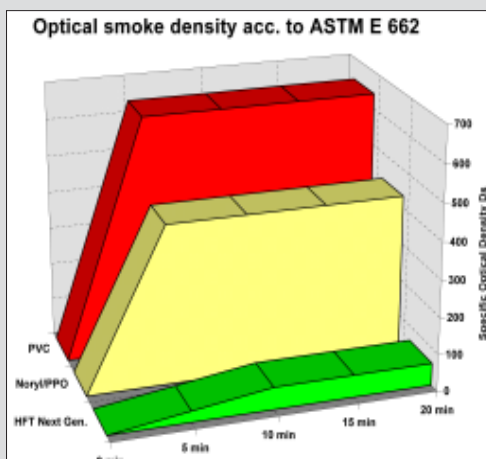
- **No corrosive and acidic gas formation**
- **Decisively reduced toxicity and no aggressive fumes**
- **Reduced smoke density**
- **High impact resistance**
- **High temperature resistance**

NEW: HFT - Next Generation

After intensive work in research and development we present the next generation of HFT-materials.

HFT-Conduits of the new generation

offer following considerable improvements compared to the current advantages (**halogenfree - flameretardant - temperature resistant**):



- **Absolute resistance** against oils, fats, acids, lyes, etc.
- **Especially suitable for installations in concrete**
- **Bendable in cold condition**
- **Smoke density reduced by 90% compared to PVC**
- **UV-stabilized**
- In spite of all these features: **easy to install**

◀ The critical value of smoke density in case of fire has been reduced significantly, UNIVOLT HFT-conduits of the new generation therefore are the first plastic conduits, which reach the safety standard IEC 61034 for LSF0H (Low Smoke Flameretardant Zero Halogen)!

UNIVOLT HFT-Cable Management Systems:



NEXT
GENERATION

HFPRM in lengths of 3m, socketed on one end,
acc. to DIN EN 50086-2-1
Colour **light grey** (RAL 7035); **black** (RAL 9005) **UV-stabilized**
especially suitable for installations in concrete
Medium Gauge 750 N; <EN 3343-HF>; Temperature rating: -25°C to +105° C
Dimensions: 16, 20, 25, 32, 40, 50, 63



HFIRM in lengths of 3m, light grey, socketed on one end
HFIR in lengths of 3m, white, plain ends
acc. to DIN EN 50086-2-1
Colour **light grey** (RAL 7035); **white** (RAL 9010)
Light Gauge 320 N; <EN 2252-HF>; Temperature rating: -45°C to +90°C
Dimensions: 16, 20, 25, 32, 40, 50



HFBS in lengths of 3m, plain ends,
acc. to DIN EN 50086-2-1
Colour **black** (RAL 9005);
Heavy Gauge 1250 N; <EN 4442-HF>; Temperature rating: -25°C to +90°C
Dimensions: 16, 20, 25, 32, 40, 50, 63



NEXT
GENERATION

HFXP pliable corrugated conduits in coils of 50m/25m,
acc. to DIN EN 50086-2-2
Colour **black** (RAL 9005); **especially suitable for installations in concrete**
Medium Gauge 750 N; <EN 3343-HF>; Temperature rating: -25°C to +105°C
Dimensions: 20, 25, 32, 40, 50



HFXP-HT pliable corrugated conduits in coils of 50m/25m,
acc. gemäß DIN EN 50086-2-2
high temperature resistant
Colour **black** (RAL 9005); **especially suitable for installations on surface, UV-stabilized**
Medium Gauge 750 N; <EN 3355-HF>; Temperature rating: -45°C to +150°C
Dimensions: 16, 20, 25, 32, 40, 50, 63



HGL Straight Glands
HEG Elbow Glands
HFL Flanges



Large range of accessories:
Couplers, Straps, Bends, Clips, Switch & Socket Boxes, etc.

The unique properties of UNIVOLT HFT Systems make them ideally suited for installation in a wide variety of situations, especially in areas of high concentration of people or in systems with electronic controls, thus avoiding consequential damages in case of fire.

- High-Tech Industrial Plants
- Hospitals, Schools & Theatres
- Computer & telecommunication Installations
- Tunnels and Subway Systems
- Power Plants & Oil Refineries
- Robotic Systems
- Lifts and Emergency Plants
- Airports and Hotels
- Ships, Aircrafts, Trains & Automotive industries
- Air Sampling Systems



UNIVOLT-HFT-Cable Management Systems used worldwide



Eurotunnel



Le Shuttle Trains



London Tower Bridge



Frankfurt Airport



Underground Railways

UNIVOLT-HFT-Cable Management Systems used worldwide



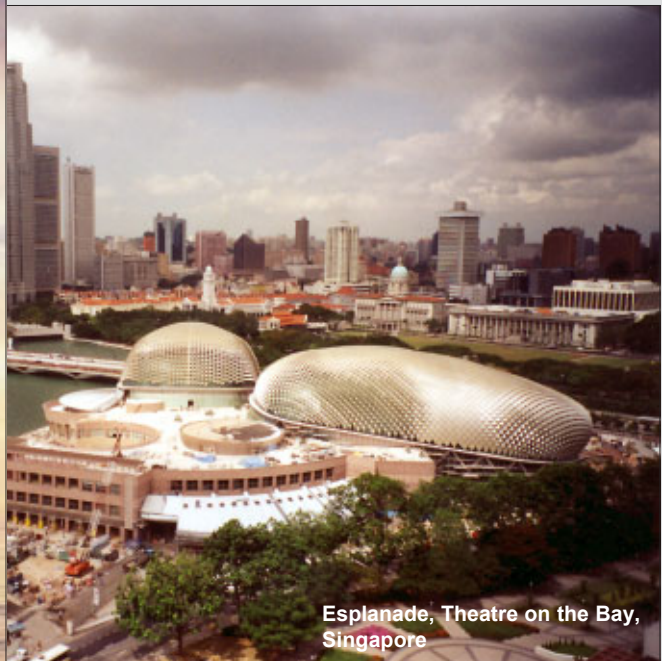
Sydney Opera House



Olympic Stadium Sydney



Hotel Burj Al Arab*****
Dubai



Esplanade, Theatre on the Bay,
Singapore

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