



FESTOONTEC®

Control cables for cable trolley systems



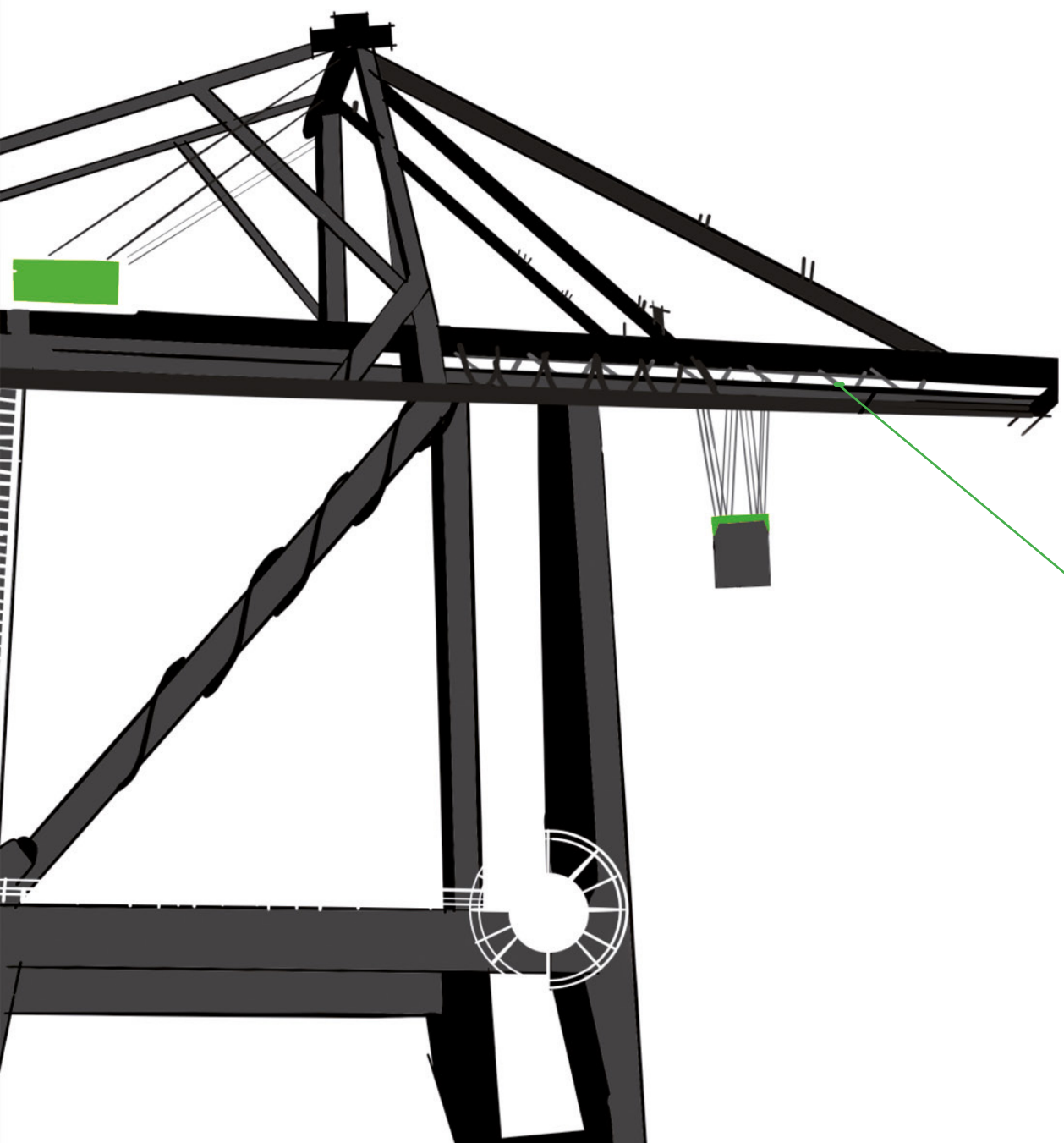
## Extreme movement stress

Movements at lofty heights - as precisely and quickly as possible. Exactly this is part of the requirement profile for state-of-the-art crane technology and container gantry cranes, which effortlessly handle heavy loads. Behind all this „back & forth“ and „up & down“ is complex control technology – and a large variety of cables designed from A to Z for these applications.

## Individual cable solutions

Special cables are already part of our standard portfolio. We meet your demands on cables through the use of innovative designs, materials and manufacturing techniques. What is still in the future elsewhere, you can already see with us as the state-of-the-art technology and plan for your projects.





## Application field

### Power and control

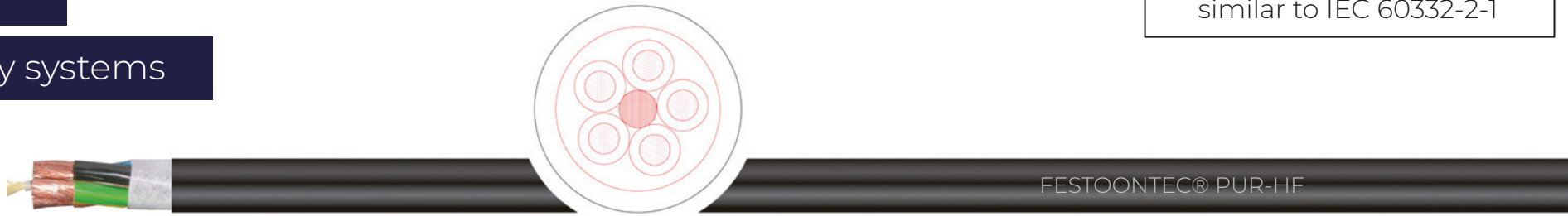
for a secure connection  
to the container

**> FESTOONTEC®**

Control cables

for cable trolley systems

similar to IEC 60332-2-1



## Application

Power and control cable for very high mechanical requirements, frequently bendings, especially for use in trolley systems, drag chains on moving parts of machines, conveyor facilities. Suitable for dry, humid and wet rooms and for outdoor use.

## Structure



conductor material  
bare copper strand



core material  
based on polyester



core identification  
VDE 0293-308



stranding  
cores stranded  
in layers around  
central element



outer sheath  
material  
PUR, halogen-free

## Specifications



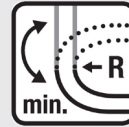
rated voltage  
U<sub>0</sub>/U: 0,6/1 kV



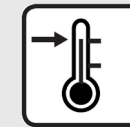
testing voltage  
2,5 kV



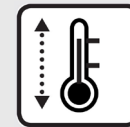
min. bending  
radius fixed  
6 x d



min. bending  
radius moved  
7,5 x d



operat. temperature  
fixed min./max.  
-50 °C / +90 °C



operat. temperature  
fixed min./max.  
-40 °C / +90 °C





Item No.	Dimension n x mm <sup>2</sup>	Item No.	Dimension n x mm <sup>2</sup>	Item No.	Dimension n x mm <sup>2</sup>
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**REELTEC® PUR-HF-J**

3004512	3 x 1,5	3004530	4 x 6
3004513	4 x 1,5	3004531	5 x 6
3004515	7 x 1,5		
3004516	12 x 1,5	3004532	4 x 10
3004517	18 x 1,5	3004533	5 x 10
3004518	24 x 1,5		
3004519	30 x 1,5	3004534	4 x 16
		3004535	5 x 16
3004520	3 x 2,5		
3004521	4 x 2,5	3004536	4 x 25
3004522	5 x 2,5	3004537	5 x 25
3004523	7 x 2,5		
3004524	12 x 2,5	3004538	4 x 35
3004525	18 x 2,5	3004539	5 x 50
3004526	24 x 2,5		
3004527	30 x 2,5		
3004528	4 x 4		
3004529	5 x 4		

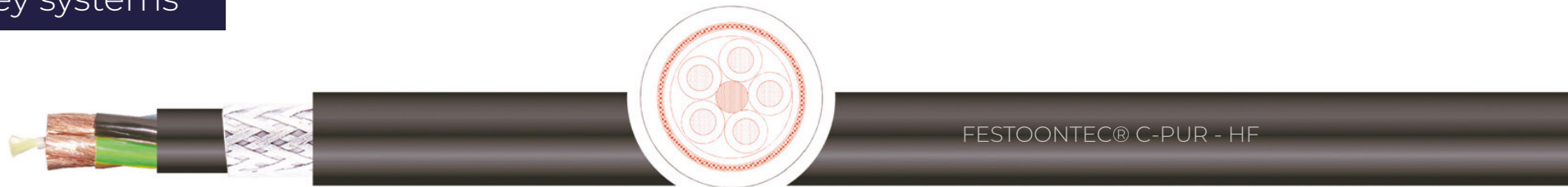
**REELTEC® PUR-HF-O**

3004501	1 x 16
3004502	1 x 25
3004503	1 x 35
3004504	1 x 50
3004505	1 x 70
3004506	1 x 95
3004507	1 x 12
3004508	1 x 150
3004509	1 x 185
3004510	1 x 240

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### Structure



conductor material  
bare copper strand



core material  
based on  
polyester



core identification  
VDE 0293-308



stranding  
cores stranded  
in layers around  
central element



inner sheath  
material  
PUR



outer sheath  
material  
PUR

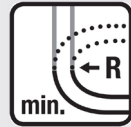
### Specifications



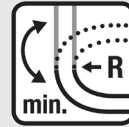
rated voltage  
 $U_0/U: 0,6/1$  kV



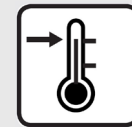
testing voltage  
2,5 kV



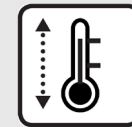
min. bending  
radius fixed  
 $6 \times d$



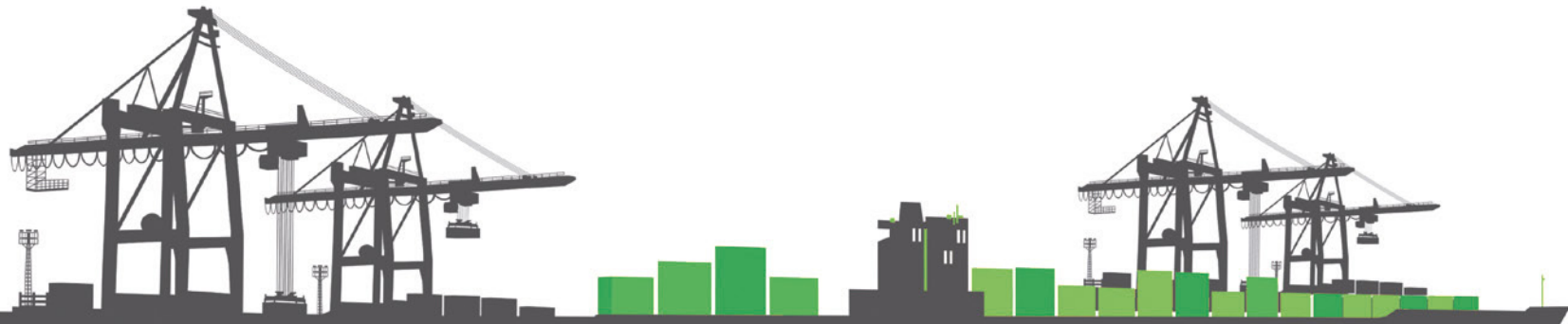
min. bending  
radius moved  
 $10 \times d$



operat. temperature  
fixed min./max.  
 $-50 \text{ }^\circ\text{C} / +90 \text{ }^\circ\text{C}$



operat. temperature  
fixed min./max.  
 $-40 \text{ }^\circ\text{C} / +90 \text{ }^\circ\text{C}$





Item No.	Dimension n x mm <sup>2</sup>	Item No.	Dimension n x mm <sup>2</sup>	Item No.	Dimension n x mm <sup>2</sup>
<b>FESTOONTEC® C-PUR-HF-O</b>		<b>FESTOONTEC® C-PUR-HF-J</b>		<b>FESTOONTEC® PUR-HF-O</b>	
3004701	1 x 25	3004716	4 x 1,5	3004737	4 x (2x1)C
3004702	1 x 35	3004717	5 x 1,5	3004738	6 x (2x1)C
3004703	1 x 50	3004718	7 x 1,5		
3004704	1 x 70	3004719	12 x 1,5	3004740	2 x (2x1,5)C
3004705	1 x 95	3004720	18 x 1,5	3004741	3 x (2x1,5)C
3004706	1 x 120				
3004707	1 x 150	3004721	4 x 2,5	3004742	2 x (2x2,5)C
3004708	1 x 185	3004722	5 x 2,5	3004743	3 x (2x2,5)C
3004709	1 x 240	3004723	12 x 2,5		
		3004724	18 x 2,5		
3004711	2 x 1,5				
3004713	4 x (2x1)	3004725	4 x 4		
3004714	3 x (2x1,5)	3004726	5 x 4		
3004715	4 x (2x1,5)				
		3004730	4 x 6		
		3004731	4 x 10		
		3004732	4 x 16		
		3004734	4 x 25		
		3004735	4 x 35		
		3004736	4 x 50		



#### About Infinite Electronics

Infinite Electronics has a global portfolio of leading in-stock connectivity solution brands. Infinite's brands help propel the world's innovators forward by working urgently to provide products, solutions, and real-time support for their customers.

Backed by Warburg Pincus, Infinite's brands serve customers across a wide range of industries with a broad inventory selection, same-day shipping and 24/7 customer service. Learn more at [infiniteelectronics.com](http://infiniteelectronics.com).

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