



Application Criteria	Cable and Lead Designation										
	ÖLFLEX® CRANE	ÖLFLEX® LIFT F	ÖLFLEX® CRANE F	ÖLFLEX® CRANE CF	ÖLFLEX® LIFT	ÖLFLEX® LIFT T	ÖLFLEX® LIFT S	ÖLFLEX® CRANE 2S	ÖLFLEX® CRANE NSHTÖU	ÖLFLEX® CRANE VS (N)SHTÖU	ÖLFLEX® CRANE PUR
<b>Temperature range</b>											
+90 °C											
+80 °C	■		■	▣							▣
+70 °C		▣			■	■	■	■			
+60 °C								■	■		
+5 °C											
0 °C		■									
-5 °C											
-10 °C											
-15 °C		■			■	■	■	■			
-20 °C											
-25 °C	■		■	▣					■	■	
-30 °C											
-40 °C	□	□							□	□	▣
<b>Standards</b>											
Based on VDE/HAR/DIN	●	●	●	●			●	●		●	●
With VDE approbation									●		
With VDE-Registrierung					●	●					
With HAR-Approbation											
Flame retardant acc. to IEC 60332.1-2	●	●	●	●	●	●	●	●	●	●	●
<b>Application</b>											
For cable trolley guide systems	●	●	●	●							
Positive guidance over rollers, motor drums											
Reeling re-routing under tension											
For freely suspended application in lift/conveying system	○	○			●	●	●				
For freely suspended application with additional load	●							●		○	○
For indoor application	●	○	●	●				○	●	●	●
For short travel distances indoors	●	●	●	●	●	●	●	●	●	●	●
For short travel distances outdoors	●	●	●	●				●	●	●	●
For use in power chains											

## Selection Tables

A3: Conveyor Cables

Application Criteria	Cable and Lead Designation										
	ÖLFLEX® CRANE	ÖLFLEX® LIFT F	ÖLFLEX® CRANE F	ÖLFLEX® CRANE CF	ÖLFLEX® LIFT	ÖLFLEX® LIFT T	ÖLFLEX® LIFT S	ÖLFLEX® CRANE 2S	ÖLFLEX® CRANE NSHTÖU	ÖLFLEX® CRANE VS (N)SHTÖU	ÖLFLEX® CRANE PUR
<b>Bending radius</b>											
5 x D									●		
6.5 x D									●		
7.5 x D									○	●	●
10 x D	●	●	●	●							
12.5 x D	●										
15 x D											
20 x D					●	●	●	●			
<b>Nominal voltage</b>											
300/500 V	●	●	●	●	●	●	●	●			
450/750 V		●									
600/1000 V									●	●	●
<b>Make-up</b>											
PVC		●			●	●	●	●			
Rubber	●		●	●					●	●	
Support core: hemp rope/ textile rope	●				●	●					
Support core: steel rope, internal							●				
Support core: steel rope, external								●			
Support core: Kevlar rope					●	●				●	
Outer sheath supporting braid									●	●	●
PVC sheath		●									
PVC sheath cold fl exible		●			●	●	●	●			
Rubber sheath	●		●	●					●	●	

- = Principal application
- = Application not customary, but possible, or alternative design available in the range
- = Temperature range for flexible laying
- ▣ = Temperature range for static and flexible laying
- = Temperature range for static laying