

# offshore

chainflex® cables with GERMANISCHER  
LLOYD certification




plastics for longer life® ... igus

# industry

... [www.igus.eu/offshore](http://www.igus.eu/offshore) ...

# 348 chainflex® cables with

# Germanischer Lloyd approval

chainflex® cables	jacket	shield	Minimum bending radius, moved [factor x d]	Temperature, moved from/to [°C]	Minimum bending radius, fixed [factor x d]	Temperature, fixed from/to [°C]	Price index	Approvals and standards	Flame-retardant	Oil-resistant	Halogen-free	UV-resistant	Torsion resistant	v max. unsupported [m/s]	v max. gliding [m/s]	a max. [m/s <sup>2</sup> ]	Number of cores	Cross section Ø [mm <sup>2</sup> ]	More information <a href="http://www.igus.eu/...">www.igus.eu/...</a>
	CF77.UL.D	PUR		6.8-7.5	-35/+80	4	-40/+80	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	5	80	2 - 42	0.25-4.0	.../CF77ULD
	CF78.UL	PUR	✓	6.8-7.5	-35/+80	4	-40/+80	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	5	80	3 - 42	0.50-4.0	.../CF78UL
	CF9.UL	TPE		5	-35/+100	3	-40/+100	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	100	2 - 36	0.25-6.0	.../CF9UL
	CF10.UL	TPE		5	-35/+100	3	-40/+100	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	100	2 - 25	0.25-0.40	.../CF10UL
	CF240.PUR	PUR	✓	10-12	-20/+80	5	-40/+80	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	3	2	20	3 - 18	0.14-0.34	.../CF240PUR
	CFBUS.PUR	PUR	✓	12.5	-20/+70	7.5	-40/+70	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	3	2	30	2 - 8	0.08-0.5	.../CFBUSPUR
	CFBUS	TPE	✓	10-12.5	-35/+70	5	-40/+70	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	100	2 - 13	0.08-1.5	.../CFBUS
	CF111.D	PUR	✓	10	-20/+80	5	-40/+80	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	5	30	6-16	0.14-1.5	.../CF111D
	CF113.D	PUR	✓	7.5	-20/+80	5	-40/+80	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	5	3	50	4 - 18	0.14-1.5	.../CF113D
	CF27.D	PUR	✓	7.5	-20/+80	4	-40/+80	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	5	80	4-8	0.75-50	.../CF27D
	CF34.UL.D	TPE		7.5	-35/+90	4	-40/+90	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	80	3 - 5	1.5-50.0	.../CF34ULD
	CF35.UL	TPE	✓	7.5	-35/+90	4	-40/+90	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	80	3 - 4	0.5-50.0	.../CF35UL
	CF300.UL.D	TPE		7.5	-35/+90	4	-40/+90	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	100	1	4.0-185.0	.../CF300ULD
	CFPE	TPE		7.5	-35/+90	4	-40/+90	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	100	1	1.5-35.0	.../CFPE
	CF310.UL	TPE	✓	7.5	-35/+90	4	-40/+90	●●●●	CE, IEC, Clean Room, UL, CSA, TÜV, DNV, ENEC, GL	✓	✓	✓	✓	10	6	100	1	2.5-185.0	.../CF310UL



## NEK 606 –MUD resistance

NEK 606 is a norwegian standard for all cables which are in use in offshore applications. Our PUR outer jackets of CF77.UL.D, CF78.UL, CF170.D, CF180, CF2, CF240.PUR, CF211.PUR, CF112, CF113,CF111.D, CF113.D, CFLK, CF270.UL.D and CF27.D according to the requirements of the MUD oil-test of NEK 606.



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