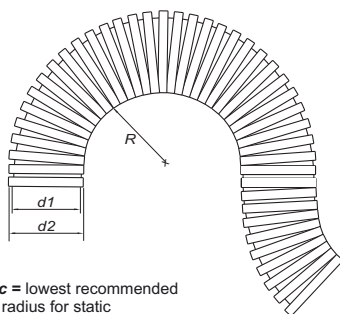


The flexible flame retardant NHF corrugated conduit is made from specially modified polypropylene. It is very resistant to various strong chemicals and weathering and is free of halogen and cadmium. The balanced performance characteristics of this particular conduit make it suitable to a number of areas including various vehicle applications.

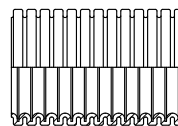


- High-grade, specially modified polypropylene
- Halogens and cadmium free
- Excellent weather and UV resistance
- Very good chemical properties
- Temperature range: -40°C(-40°F) to 105°C(221°F)
- Short-term to 150°C(302°F)

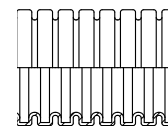


Rs static = lowest recommended bending radius for static (fixed) installation

Rd dynamic = lowest recommended bending radius for dynamic (flexible) installation



Fine Profile **F**
Tight bend radius



Coarse Profile **C**
High pull-out strength

Specifications are subject to change without notice

NHF

Order No.	Conduit Size	Trade Size		d1		d2		Rs Static		Rd Dynamic		PU	
	NW	mm	in	mm	in	mm	in	mm	in	mm	in	m	ft
NHF-FK07.50	7	10	1/4	6.6	0.26	10.0	0.39	15.0	0.59	40.0	1.57	50	164.0
NHF-FK10.50	10	12	5/16	9.8	0.39	12.8	0.50	20.0	0.79	45.0	1.77	50	164.0
NHF-FK12.50	12	16	3/8	12.3	0.48	15.7	0.62	25.0	0.98	65.0	2.56	50	164.0
NHF-FK17.50	17	20	1/2	16.6	0.65	21.1	0.83	30.0	1.18	70.0	2.76	50	164.0
NHF-FK23.50	23	25	3/4	23.1	0.91	28.4	1.12	35.0	1.38	90.0	3.54	50	164.0
NHF-FK29.50	29	32	1	28.9	1.14	34.5	1.36	45.0	1.77	110.0	4.33	50	164.0
NHF-FK36.25	36	40	1-1/4	36.5	1.44	42.4	1.67	60.0	2.36	170.0	6.69	25	82.0
NHF-FK48.25	48	50	1-1/2	47.5	1.87	54.4	2.14	70.0	2.76	185.0	7.28	25	82.0
NHF-CK56.25	56	68	2	56.3	2.22	67.2	2.65	100.0	3.94	270.0	10.63	25	82.0
NHF-CK70.25	70	80	2-1/2-3	67.2	2.65	79.6	3.13	135.0	5.31	340.0	13.39	25	82.0
NHF-CK95.10	95	106	3-1/2-4	91.3	3.59	106.0	4.17	150.0	5.91	440.0	17.32	10	32.8
NHF-CK125.10	125	127	5	126.5	4.98	146.5	5.77	320.0	12.60	480.0	18.90	10	32.8

Application performances	Characteristics	Unit	Standards, specifications	Remark
Temperature range	-25 to +105	°C	IEC EN 61386	
Temperature range	-40 to +105	°C	IS FIP	
Temperature (short-term)	150 (500 h) 165 (100 h)	°C	IS FIP	
Mechanical performances				
Impact strength	6	J	IEC EN 61386	23°C
Impact strength	2	J	IEC EN 61386	-25°C
Peak load value	125	N	IEC EN 61386	
Pull out strength	500	N	IEC EN 61386	23°C / FIPLOCK ONE NW 17
Fire safety performances				
Free from halogens and cadmium	yes			
Fire classification	V2		UL 94	
Fire characteristic of the product	self-extinguishing		UL 1696	
Flammability	self-extinguishing		FMVSS 302	
Spread of fire	non flame propagating		IEC EN 61386	
Weathering performances				
Accelerated weathering test	resistant		Xenotest X1200	
UV and weathering performance	good		IS FIP	5 to 8 years