

Material Data Sheet

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Perlon® Monofilament Type X 160 F

Flex - traditional superior strength modified to a smooth & flexible line with low curling effect.

Nominal Diameter [mm]	Breaking Force linear		Calculated Running Length [m / kg]
	[daN]*	[lbs]	
0,100	0,8	1,8	95.000
0,120	1,1	2,5	66.000
0,140	1,5	3,4	50.000
0,160	2,0	4,4	38.000
0,180	2,5	5,5	30.000
0,200	3,2	6,9	25.000
0,220	3,8	8,4	21.000
0,250	4,9	11,0	16.000
0,275	5,9	13,0	13.500
0,300	7,0	15,0	12.000
0,325	8,1	18,0	9.500
0,350	9,2	20,0	8.600
0,375	11,0	23,0	7.000
0,400	12,0	26,0	6.600
0,450	15,0	33,0	5.300
0,500	18,0	39,0	4.300
0,550	20,0	45,0	3.500
0,600	24,0	52,0	3.000

additional diameters on request
breaking elongation: 20-30% depending on diameter
*daN = ~ kg

All datas mentioned above are approximate values.

A tolerance of +/- 10% must be considered.