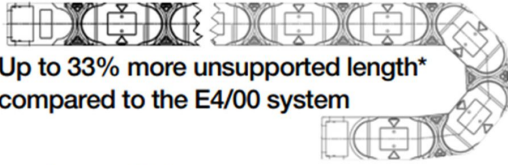


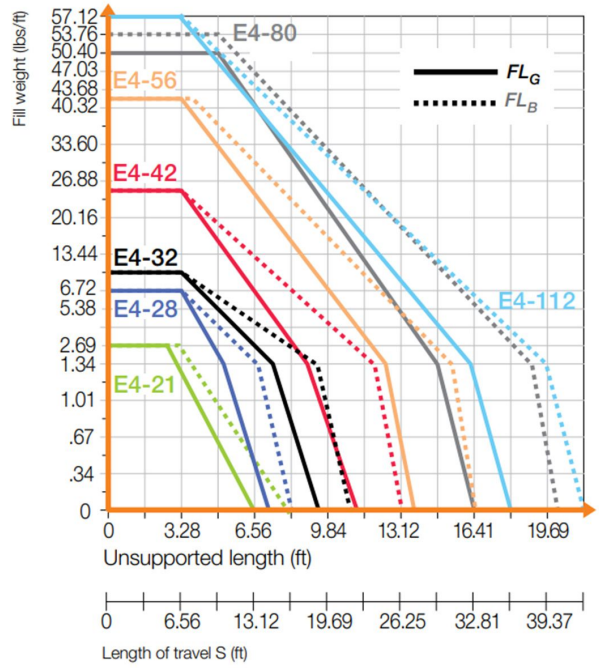
Cut costs by eliminating additional components with E4-1 e-chains® - Proven durability and stability



Up to 33% more unsupported length* compared to the E4/00 system

- Up to 133% higher tensile strength*
- Up to 33% more unsupported length*. Save in the purchase cost, as you can now use smaller e-chains®
- Due to the large unsupported lengths or loads, oversized energy supply systems can be optimized with the igus® E4-1 system

* Compared to the igus® E4/00 system series
** Test at igus® laboratory: Sag tested with defined weight and length over 96h



Crossbars every link for particularly demanding applications

Series	Inner height <i>hi</i> in. (mm)	Inner width <i>Bi</i> in. (mm)	Outer width <i>Ba</i> in. (mm)	Outer height <i>ha</i> in. (mm)	Bending radius <i>R</i> in. (mm)
E4-21	.82 (21)	1.18-5.51 (30-140)	1.73-5.28 (44-134)	1.10 (28)	1.50-7.87 (38-200)
E4-28	1.10 (28)	1.57-11.81 (40-300)	2.36-12.60 (60-320)	1.65 (42)	2.16-9.84 (55-250)
E4-32	1.26 (32)	1.97-15.75 (50-400)	2.87-16.65 (73-423)	2.13 (54)	2.48-11.81 (63-300)
E4-42	1.65 (42)	1.97-15.75 (50-400)	2.99-16.77 (76-426)	2.52 (64)	2.95-13.78 (75-350)
E4-56	2.20 (56)	1.97-23.62 (50-600)	3.31-24.96 (84-634)	3.31 (84)	5.31-19.69 (135-500)
E4-80	3.15 (80)	1.97-23.62 (50-600)	3.94-25.59 (100-650)	4.25 (108)	5.91-39.37 (150-1000)
E4-112	4.41 (112)	1.97-23.62 (50-600)	4.02-25.67 (102-652)	5.51 (140)	7.87-39.37 (200-1000)
E4-162	6.38 (162)	7.87-23.62 (200-600)	10.08-25.83 (256-656)	7.68 (195)	9.84-39.37 (250-1000)
800	7.87 (200)	7.87-23.62 (200-600)	10.24-25.98 (260-660)	9.29 (236)	12.80-39.37 (325-1000)
840	8.03 (204)	3.94-22.16 (100-563)	6.30-24.53 (160-623)	9.29 (236)	12.80-39.37 (325-1000)
E4-350	13.78 (350)	15.75-31.50 (400-800)	21.26-37.01 (540-940)	17.72 (450)	19.69-39.37 (500-1000)



Crossbars every 2nd link for almost all applications

Series	Inner height <i>hi</i> in. (mm)	Inner width <i>Bi</i> in. (mm)	Outer width <i>Ba</i> in. (mm)	Outer height <i>ha</i> in. (mm)	Bending radius <i>R</i> in. (mm)
H4-32	1.26 (32)	1.97-15.75 (50-400)	2.87-16.65 (73-423)	2.13 (54)	2.48-11.81 (63-300)
H4-42	1.65 (42)	1.97-15.75 (50-400)	2.99-16.77 (76-426)	2.52 (64)	2.95-13.78 (75-350)
H4-56	2.20 (56)	1.97-23.62 (50-600)	3.31-24.96 (84-634)	3.31 (84)	5.31-19.69 (135-500)
H4-80	3.15 (80)	1.97-23.62 (50-600)	3.94-25.59 (100-650)	4.25 (108)	5.91-39.37 (150-1000)



e-tubes fully enclosed, for complete cable protection

Series	Inner height <i>hi</i> in. (mm)	Inner width <i>Bi</i> in. (mm)	Outer width <i>Ba</i> in. (mm)	Outer height <i>ha</i> in. (mm)	Bending radius <i>R</i> in. (mm)
R4-28	1.10 (28)	1.97-11.81 (50-300)	2.76-12.60 (70-320)	1.65 (42)	2.95-9.84 (75-250)
R4-32	1.26 (32)	1.97-11.81 (50-300)	2.87-12.72 (73-323)	2.13 (54)	4.92-11.81 (125-300)
R4-42	1.65 (42)	1.97-11.81 (50-300)	2.99-12.83 (76-326)	2.52 (64)	4.92-13.78 (125-350)
R4-56	2.20 (56)	2.95-18.19 (75-462)	4.29-19.57 (109-497)	3.31 (84)	5.31-19.69 (135-500)
R4-80	3.15 (80)	5.91-18.19 (150-462)	7.87-20.20 (200-513)	4.25 (108)	7.87-39.37 (200-1000)
R4-112	4.25 (108)	7.87-19.69 (200-500)	9.92-21.73 (252-552)	5.51 (140)	9.84-39.37 (250-1000)