

# HellermannTyton

## Standard Weight Double Cut Nylon Conduit HGDC Series

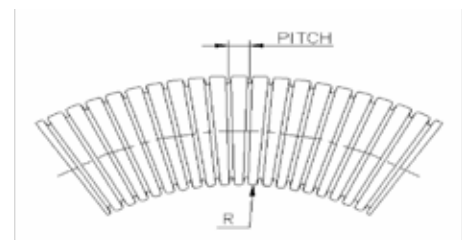
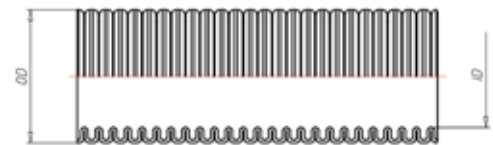
A standard weight corrugated conduit with two slit openings that eases installation and maintenance of wire and cable bundles. The interlocking construction is excellent for retrofitting projects. PA6 material is highly resistant to solvents and oils, and offers UV and abrasion resistance.



Conduit Size		Euro Size	Pitch	HellermannTyton Part Number	Manufacturer Part Reference	Outside Dimension (OD)		Inside Dimension (ID)		Minimum Bend Radius	Weight
in.	mm	(NW)	F or C			in	mm	in	mm	mm	lbs / foot
3/8	16	12	F	HG-DC0380	FPADS16	0.63	15.8	0.41	10.3	100	0.168
1/2	21	17	F	HG-DC0500	FPADS21	0.84	21.2	0.55	13.9	120	0.04
3/4	28	23	C	HG-DC0750	FPADS28	1.13	28.5	0.81	20.5	170	0.067
1	34	29	C	HG-DC1000	FPADS34	1.36	34.5	1.05	26.6	180	0.091
1.25	42	36	C	HG-DC1250	FPADS42	1.68	42.5	1.26	32.0	200	0.111
1.5	54	48	C	HG-DC1500	FPADS54	2.15	54.5	1.70	43.0	240	0.158

### Technical Properties and Performance

Property	Rating
Material: Standard Weight Nylon	Polyamide Nylon 6 (PA6)
Highly Flexible with excellent fatigue life	Yes
IP (Ingress Protection) Rating with HG (FPA) Fittings	IP40
Temperature Range-Static	-40°C to +120°C
Temperature Range-Dynamic	-20°C to +110°C
Displays self recovery if crushed	Yes
Water and Dust resistant	Yes
Abrasion Resistant	Yes
High Impact Strength (at -25° C)	> 6 Joules
Compression Strength: (Tested at 21mm size)	60kg/100mm
Pull-off (Tensile) Strength (Tested at 21mm size)	15kg HG fittings
Country of Origin	Germany



### Fire Performance

Flame Retardancy to UL 94	V2
Self extinguishing to EN61386	Yes
Halogen Sulphur and Phosphorous free	Yes



**Warranty Policy** HellermannTyton products are warranted to be free from defects in material and workmanship at the time sold by us; but our obligation under this warranty and that of the seller is limited to the replacement of the product, and neither we nor the seller are bound by any other warranty, expressed, implied or statutory. Under no circumstances are we or the seller liable for any loss, damage, expenses or consequential damages of any kind arising out of the use or inability to use these products. All are sold with the understanding that the user will test them in actual use and determine their adaptability for the intended uses. Every effort is made to ensure accuracy and completeness when describing the technical properties of these products.