

Other HelaGuard Conduits

- Nylon PA12 for high impact and repetitive motion applications, as well as outdoor UV protection.
- Nylon PA6 Lightweight for greater flexibility and lighter weight.
- Nylon Double Slit is ideal for retro-fitting by allowing future accessibility and complete wraparound protection.
- LPC Reinforced PVC tubing with smooth outer surface for easy wash-down environments.

(Center slit versions available for all nylon conduits.)



Additional Fittings & Accessories

- Low profile, fast fit snap-on style, fixed NPT threads suitable for knockouts or threaded entry.
- Low profile, fast fit snap-on nylon fittings with brass swivel threads for knockouts or metric threaded entries.
- Nylon fast fit snap-on style T-connectors, elbows, reducers, flanges and couplers.
- Available in IP66 or IP68 ratings.
- Accessories include locknuts, endcaps, conduit clips and conduit cutting tools.

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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.

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HelaGuard

QUICK-START Range



HellermannTyton

800-537-1512

www.hellermann.tyton.com

HelaGuard Non-Metallic Conduits and Fittings

HellermannTyton has expanded its flexible cable protection product offering to include the HelaGuard line of non-metallic conduits, fittings and accessories. Available in a range of styles, sizes and materials, HelaGuard conduits address a wide array of market needs and applications. Snap-on nylon fittings with NPT threads provide fast, easy installation and deliver liquid-tight installations from IP65 up to IP68 classifications.

What is HelaGuard?

HelaGuard is an innovative and versatile system of conduits, fittings and accessories that offers flexible and lightweight protection for wire and cable bundles.

- A liquid-tight system that provides a safe & reliable routing solution for wires and cables.
- Utilizes lightweight materials that reduces overall weight of final assembly.
- A series of flexible corrugated conduits and tubings designed to meet demanding applications, yet reduce material costs.
- Fast-fit non-metallic fittings which help minimize installation and maintenance costs.



For more information, technical guidance or to request a copy of our HelaGuard brochure, please call 800-537-1512 or visit www.hellermann.tyton.com/helaguard.

HG-SW Standard Weight Nylon IP66

Material: PA6 Nylon, Corrugated Flexible Conduit, Black

Typical Applications: Machine building, control panels, plant construction; wherever a higher degree of mechanical protection or greater fatigue life is required.

Nominal Size	Type	Reel Length		Outside Diameter		Inside Diameter		Inside Bend Radius
		ft.	m.	in.	mm	in.	mm	
½	HG-SW0500	100	30.5	0.84	21.2	0.66	16.7	45.0
¾	HG-SW0750	100	30.5	1.13	28.5	0.90	22.8	50.0
1	HG-SW1000	50	15.2	1.36	34.5	1.11	28.1	60.0



HG-FR Flame Retardant PA6 Nylon IP66

Material: Flame Retardant PA6 Nylon (UL94-V0), Corrugated Flexible Conduit, Black

Typical Applications: Mass transit vehicles, underground stations & infrastructure where a very high degree of flame resistance and low smoke ratings are required.

Nominal Size	Type	Reel Length		Outside Diameter		Inside Diameter		Inside Bend Radius
		ft.	m.	in.	mm	in.	mm	
½	HG-FR0500	100	30.5	1.13	28.5	.86	21.7	50.0
¾	HG-FR0750	50	15.2	1.36	34.5	1.11	28.1	60.0
1	HG-FR1000	50	15.2	1.68	42.5	1.40	35.5	70.0



PSR Spiral Reinforced PVC Tubing IP65

Material: PVC, Smooth Bore, Black

Typical Applications: Automation, robotics & medical equipment. Routing of cables within high vibration or rotational applications. Accepts torsional movement.

Nominal Size	Type	Reel Length		Outside Diameter		Inside Diameter		Inside Bend Radius
		ft.	m.	in.	mm	in.	mm	
½	PSR0500	100	30.5	0.83	21.0	0.63	16.0	35.0
¾	PSR0750	100	30.5	1.09	27.5	0.87	22.0	45.0
1	PSR1000	100	30.5	1.32	33.5	1.11	28.0	60.0



PAEC Endcaps For Corrugated Conduits

Material: PA66 Nylon

Typical Applications: Slips over end of conduit creating a smooth point of entry and prevents damage to cables.

Nominal Size	Type	Clearance Hole		Package Quantity
		in.	mm	
½	PAEC0500	0.59	15.0	10
¾	PAEC0750	0.79	20.0	10
1	PAEC1000	0.98	25.5	10



HGL-S Straight Fitting IP68

One-piece, snap-on fitting, NPT thread. Provides very high ingress protection. For use with corrugated conduit.



Nominal Size	Thread Type	Type	Pkg. Qty.
in.			
½	NPT	HGL050-S-0500	10
¾	NPT	HGL075-S-0750	10
1	NPT	HGL100-S-1000	10

HGL-90 90° Elbow Fitting IP68

One-piece, snap-on elbow fitting, NPT thread. Provides very high ingress protection. For use with corrugated conduit.



Nominal Size	Thread Type	Type	Pkg. Qty.
in.			
½	NPT	HGL050-90-0500	10
¾	NPT	HGL075-90-0750	10
1	NPT	HGL100-90-1000	10

HG-S Straight Fitting IP66

One-piece, snap-on fitting, NPT thread. Provides high ingress protection. For use with corrugated conduit.



Nominal Size	Thread Type	Type	Pkg. Qty.
in.			
½	NPT	HG050-S-0500	10
¾	NPT	HG075-S-0750	10
1	NPT	HG100-S-1000	10

HG-90 90° Elbow Fitting IP66

One-piece, snap-on elbow fitting, NPT thread. Provides high ingress protection. For use with corrugated conduit.



Nominal Size	Thread Type	Type	Pkg. Qty.
in.			
½	NPT	HG050-90-0500	10
¾	NPT	HG075-90-0750	10
1	NPT	HG100-90-1000	10

PSR-S Straight Compression Fitting IP65

Two-piece design, compression style fitting, NPT thread. For use with corrugated conduit or PVC tubing.



Nominal Size	Thread Type	Type	Pkg. Qty.
in.			
½	NPT	PSR050-S-0500	10
¾	NPT	PSR075-S-0750	10
1	NPT	PSR100-S-1000	10

PSR-90 90° Elbow Compression Fitting IP65

Two-piece design, compression style elbow fitting, NPT thread. For use with corrugated conduit or PVC tubing.



Nominal Size	Thread Type	Type	Pkg. Qty.
in.			
½	NPT	PSR050-90-0500	10
¾	NPT	PSR075-90-0750	10
1	NPT	PSR100-90-1000	10

ALPA Locknuts For NPT Threaded Fittings

Material: PA66 Nylon

Typical Applications: Secure non-metallic NPT fittings when used with non-threaded entries.

Nominal Size	Series	Type	Outside Dimensions		Package Quantity
			in.	mm	
in.					
½	ALPA	ALPA0500	1.14	29.0	10
¾	ALPA	ALPA0750	1.41	36.0	10
1	ALPA	ALPA1000	1.81	46.0	10

