Strain Relief

The Deutsch HD30 & HDP20 Series offer several backshell options to meet your design needs. Backshell options include straight or 90° and plastic or metal. The metal backshells work best with the HD30 Series. It is attached to the rear of the connector using an adjustable screw and is secured to the wire bundle with the use of a tie wrap. The plastic backshells work best with the HDP20 Series and attach to the rear of the connector with either a clamshell snap closure or by screwing them on to a threaded adapter. The rigid, durable backshells offer a high level of protection, provide strain relief, and improve aesthetics.

HD30 Series Backshell

Shell Size	Orientation	Part Number
18	Straight	WHDS-18-1
24		WHDS-24-1
18	90°	WHDS-18-2
24		WHDS-24-2

HDP20 Series L017 Backshell

Shell Size	Orientation	Part Number	Conduit Size
18	Straight	2428-016-1805	13, 17, 19 (mm) NW
	90°	2428-015-1805	13, 17, 19 (mm) NW
24	Straight	2428-008-2405	1"
	90°	2428-004-2405	1"
24	Straight	2428-010-2405	17, 19, 23, 26 (mm) NW
	90°	2428-011-2405	17, 19, 23, 26 (mm) NW

NW = Nominal Width of the conduit's inside diameter. See drawings for full specifications.

HDP20 Series L015 Conduit Adapter

Shell Size	L015 Conduit Adapter Part Numbers		Conduit Size
24	Seal Ring: SRN21	Cap Nut: CN21	22 (mm) NW

Seal Ring

Cap Nut

Backshells for L015 Modification

The Deutsch HDP20 Series backshells are designed to screw onto connectors with the L015 modification, which adds a threaded adapter. Rated for temperatures from -40°C to +134°C, the rigid, durable backshells offer a high level of protection, provide strain relief, and improve aesthetics.

HDP20 Series L015 Backshell

Shell Size	Cable Diameter	Backshell	Compression Nut
24	.430-.570	M902-2243	M902-2053
	.570-.710	M902-2244	M902-2054

Backshell

Compression Nut

Backshell Technical Specifications:
Material - PC/PET Polyester Blend, UV-Stabilized, Flame Retardant, Black
Flammability - UL94-VO, Weatherability - UL746C