



## AMPSEAL 16 BACKSHELLS

### TE Connectivity's Next Generation AMPSEAL 16 Backshells

TE Connectivity (TE) Industrial & Commercial Transportation's new and improved AMPSEAL 16 backshells provide strain relief, environmental protection, and deliver enhanced aesthetics for TE's rugged AMPSEAL 16 connectors. They are constructed of robust thermoplastic and install easily by snapping onto the connectors.

The new backshells are available in 180° and 90° versions for all AMPSEAL 16 plug and cap arrangements (2, 3, 4, 6, 8, and 12). The two-piece 180° version channels the wires directly out of the back of the connector, offering a high level of protection and providing strain relief. The four-piece 90° version features an innovative elbow that allows for 360° rotation, enabling the wires to be routed in various angles.

The backshells are available with either a smooth wire exit or a corrugated tubing style exit. The smooth wire exit style has slots for a tie wrap, which hold the wires in place and provide strain relief. The corrugated tubing style exit backshells allow a wide range of conduit sizes to nest within the rear of the backshell.

TE's new AMPSEAL 16 backshells replace the previous generation AMPSEAL 16 backshells. Because EVERY CONNECTION COUNTS, the new AMPSEAL 16 backshells, deliver reliable connectivity solutions for harsh environment applications.

#### FEATURES:

- 180° and 90° wire outlet options
- Smooth wire and multiple corrugated tubing size options available
- 360° rotation for 90° wire outlets
- Multiple latch points for robust assembly
- Backshell components kitted for single part number ordering

## Next Generation AMPSEAL 16 Backshells

### SPECIFICATIONS

<b>Material:</b>	Black Nylon PA66/6
<b>Flammability:</b>	UL94 V-0
<b>Temperature:</b>	-40 °C to +125 °C

### APPLICABLE DOCUMENTS

<b>Instruction Sheet:</b>	408-151043
<b>Product Specification:</b>	108-151043
<b>Application Specification:</b>	114-151043
<b>Cross Reference Chart</b>	TS-ICT-AMP16CR

Number of Positions	Conduit Size	Plug Part Numbers		Cap Part Numbers	
		180° Backshell Part Number	90° Adapter Part Number	180° Backshell Part Number	90° Adapter Part Number
2	Smooth	2292797-1	2302488-1	2292860-1	2302481-1
	NC12/NW10	2292797-2	2302488-2	2292860-2	2302481-2
	NC08/NW7.5	2292797-3	2302488-3	2292860-3	2302481-3
3	Smooth	2292798-1	2302491-1	2292861-1	2302482-1
	NC12/NW10	2292798-2	2302491-2	2292861-2	2302482-2
	NC08/NW7.5	2292798-3	2302491-3	2292861-3	2302482-3
4	Smooth	2292799-1	2302492-1	2292862-1	2302483-1
	NC16/NW13	2292799-2	2302492-2	2292862-2	2302483-2
	NC12/NW10	2292799-3	2302492-3	2292862-3	2302483-3
6	Smooth	2292800-1	2302493-1	2292863-1	2302484-1
	NC16/NW13	2292800-2	2302493-2	2292863-2	2302484-2
	NC12/NW10	2292800-3	2302493-3	2292863-3	2302484-3
8	Smooth	2292801-1	2302494-1	2292864-1	2302485-1
	NC20/NW17	2292801-2	2302494-2	2292864-2	2302485-2
	NC16/NW13	2292801-3	2302494-3	2292864-3	2302485-3
12	Smooth	2292802-1	2302495-1	2292865-1	2302486-1
	NC20/NW17	2292802-2	2302495-2	2292865-2	2302486-2
	NC16/NW13	2292802-3	2302495-3	2292865-3	2302486-3



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### PRODUCT SHEET

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