



INSULATE
SEAL
PROTECT

3:1
SHRINK RATIO



HEAT SHRINK INSULATED CONNECTORS

CRYSTAL CLEAR, SEMI-RIGID, ADHESIVE LINED TUBING WITH INTEGRAL SOLDERLESS SPLICE CONNECTOR

FEATURES AND BENEFITS

- Exceptional clarity for visual confirmation of seal
- Seals & protects against water, corrosive compounds, moisture & contaminants
- Tough, durable heat shrink tubing resists abrasion, crimp tool damage & splitting
- Shinks 40% faster than nylon, preventing wire damage
- Inner adhesive bonds to plastics, rubbers & metals
- Meets & conforms to OEM wiring specifications for installation & repairs
- Continuous operating temperature -55 to 125°C
- 90°C minimum shrinking temperature

TYPICAL APPLICATIONS

- Wire to Wire splicing
- Environmental protection for crimp-connections & terminals
- Automotive / trucking repair and maintenance
- Commercial, electronics & appliance wiring
- Marine electronics & fleet maintenance

MATERIALS

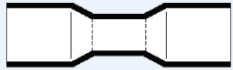

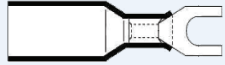

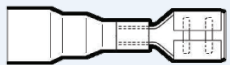
- Insulation tube:
Cross-linked ionic polymer with a hot melt adhesive liner
- Metal Connector:
CU 99.9% per EN 13600
Tin Plate 5 micron min

ORDERING

- Determine the wire gauge size that you require
- Select the most appropriate connector for your application
- Please specify the product by: name, insulation colour & code
Order example:
Deray® CrimpSeal II, butt connector, 22-18AWG, red, 75122180000L38



DERAY® CRIMPSEAL II

ORDER REFERENCE / CONNECTOR TYPE			SIZE		STUD SIZE		TUBE DIAMETER (Ø)		TUBE LENGTH	TUBE EXP WALL THICKNESS
COLOUR	CODE	AWG	MM ²	IN	MM	EXPANDED (MM) NOMINAL	RECOVERED (MM) NOMINAL	(L MM)	(MM) NOMINAL	
BUTT CONNECTOR										
	Clear	75128220000L25	28-22	0.1 – 0.5	N/A	3.7	1.0	31±0.25	0.635	
	Red	75122180000L38	22-18	0.5-1.5	N/A	4.3	1.4	38±0.25	0.740	
	Blue	75116140000L38	16-14	1.5-2.5	N/A	5.0	1.8	38±0.25	0.740	
	Yellow	75112100000L44	12-10	4-6	N/A	6.5	2.2	44±0.25	0.740	
RING CONNECTOR										
	Red	75222180157L25	22-18	0.5 – 1.5	#8	4	4.3	1.4	25±.025	0.635
	Red	75222180197L25	22-18	0.5 – 1.5	#10	5	4.3	1.4	25±.025	0.635
	Red	75222180250L25	22-18	0.5 – 1.5	1/4	6	4.3	1.4	25±.025	0.635
	Red	75222180313L25	22-18	0.5 – 1.5	5/16	8	4.3	1.4	25±.025	0.635
	Red	75222180375L25	22-18	0.5 – 1.5	3/8	10	4.3	1.4	25±.025	0.635
	Blue	75216140157L25	16-14	1.5-2.5	#8	4	5.0	1.8	25±.025	0.740
	Blue	75216140197L25	16-14	1.5-2.5	#10	5	5.0	1.8	25±.025	0.740
	Blue	75216140250L25	16-14	1.5-2.5	1/4	6	5.0	1.8	25±.025	0.740
	Blue	75216140313L25	16-14	1.5-2.5	5/16	8	5.0	1.8	25±.025	0.740
	Blue	75216140375L25	16-14	1.5-2.5	3/8	10	5.0	1.8	25±.025	0.740
	Yellow	75212100157L25	12-10	4-6	#8	4	6.5	2.2	25±.025	0.740
	Yellow	75212100197L25	12-10	4-6	#10	5	6.5	2.2	25±.025	0.740
	Yellow	75212100250L25	12-10	4-6	1/4	6	6.5	2.2	25±.025	0.740
	Yellow	75212100313L25	12-10	4-6	5/16	8	6.5	2.2	25±.025	0.740
Yellow	75212100375L25	12-10	4-6	3/8	10	6.5	2.2	25±.025	0.740	
SPADE CONNECTOR										
	Red	75322180157L25	22-18	0.5 – 1.5	#8	4	4.3	1.4	25±.025	0.58
	Red	75322180197L25	22-18	0.5 – 1.5	#10	5	4.3	1.4	25±.025	0.58
	Blue	75316140157L25	16-14	1.5-2.5	#8	4	5.0	1.8	25±.025	0.740
	Blue	75316140197L25	16-14	1.5-2.5	#10	5	5.0	1.8	25±.025	0.740
	Yellow	75312100157L25	12-10	4-6	#8	4	6.5	2.2	25±.025	0.740
	Yellow	75312100197L25	12-10	4-6	#10	5	6.5	2.2	25±.025	0.740
QUICK DISCONNECT (MALE)										
	Red	75422180000L25	22-18	0.5 – 1.5	N/A	6.3 x 0.8	4.3	1.4	25±.025	0.740
	Blue	75416140000L25	16-14	1.5-2.5	N/A	6.3 x 0.8	5.0	1.8	25±.025	0.740
	Yellow	75412100000L25	12-10	4-6	N/A	6.3 x 0.8	6.5	2.2	25±.025	0.740
QUICK DISCONNECT (FEMALE)										
	Red	75522180000L25	22-18	0.5 – 1.5	N/A	6.3 x 0.8	4.3	1.4	25±.025	0.58
	Blue	75516140000L25	16-14	1.5-2.5	N/A	6.3 x 0.8	5.0	1.8	25±.025	0.740
	Yellow	75512100000L25	12-10	4-6	N/A	6.3 x 0.8	6.5	2.2	25±.025	0.740

APPLICATION NOTES:

- Strip wires min 7.5 mm & insert into the crimp barrel. Crimp with a DSG-Canusa (or equivalent) hand tool.
- Heat the shrink tube along the entire length, working from the centre out to the edges until a water tight seal is formed.
- Allow to cool before inspection for splice integrity.
- All splice assemblies will conform to most OEM & repair requirements and specifications.

Please contact your Customer Service Representative for information on custom sizes, lengths and material data sheet.

All information contained in this data sheet is believed to be reliable. We advise, however, that customers should separately evaluate the suitability of our products for their particular application. DSG-Canusa and ShawCor give no guarantees in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. In no instance will we be liable for any eventual, indirect or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product.

REV: 1008

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www.dsgcanusa.com