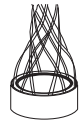
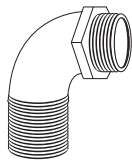
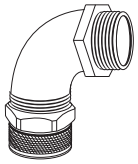


COMPONENT PART NUMBERS



**Cord Grip
Less Bushing**

**Body
Only**

**Nut
Plain***

**Washer
Only**

**Bushing
Only**

Nut for Mesh

**Mesh
Grip**

RSR-9000-W	RSR-9000-B	RSR-000-N	SW-000	SRB-003	—	—
RSR-9000-W	RSR-9000-B	RSR-000-N	SW-000	SRB-004	RSR-000-ND	R-005-D
RSR-9000-W	RSR-9000-B	RSR-000-N	SW-000	SRB-005	RSR-000-ND	R-005-D
RSR-9000-W	RSR-9000-B	RSR-000-N	SW-000	SRB-006	RSR-000-ND	R-007-D
RSR-9000-W	RSR-9000-B	RSR-000-N	SW-000	SRB-007	RSR-000-ND	R-007-D
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-103	—	—
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-104	RSR-100-ND	R-104-D
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-105	RSR-100-ND	R-106-D
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-106	RSR-100-ND	R-106-D
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-107	RSR-100-ND	R-108-D
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-108	RSR-100-ND	R-108-D
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-109	RSR-100-ND	R-110-D
RSR-9100-W	RSR-9100-B	RSR-100-N	SW-100	SRB-110*	RSR-100-ND	R-110-D
RSR-9200-W	RSR-9200-B	RSR-200-N	SW-200	SRB-208	RSR-200-ND	R-210-D
RSR-9200-W	RSR-9200-B	RSR-200-N	SW-200	SRB-209	RSR-200-ND	R-210-D
RSR-9200-W	RSR-9200-B	RSR-200-N	SW-200	SRB-210	RSR-200-ND	R-210-D
RSR-9200-W	RSR-9200-B	RSR-200-N	SW-200	SRB-211	RSR-200-ND	R-212-D
RSR-9200-W	RSR-9200-B	RSR-200-N	SW-200	SRB-212	RSR-200-ND	R-212-D
RSR-9200-W	RSR-9200-B	RSR-200-N	SW-200	SRB-213*	RSR-200-ND	R-214-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-309	RSR-300-ND2	R-210-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-310	RSR-300-ND2	R-210-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-311	RSR-300-ND2	R-212-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-312	RSR-300-ND2	R-212-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-313	RSR-300-ND	R-314-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-314	RSR-300-ND	R-314-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-315	RSR-300-ND	R-316-D
RSR-9300-W	RSR-9300-B	RSR-300-N	SW-300	SRB-316	RSR-300-ND	R-316-D
RSR-9400-W	RSR-9400-B	RSR-500-N	SW-500	SRB-511	—	—
RSR-9400-W	RSR-9400-B	RSR-500-N	SW-500	SRB-513	—	—
RSR-9400-W	RSR-9400-B	RSR-500-N	SW-500	SRB-514	RSR-500-ND	R-516-D
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RSR-9400-W	RSR-9400-B	RSR-500-N	SW-500	SRB-520	RSR-500-ND	R-520-D
RSR-9400-W	RSR-9400-B	RSR-500-N	SW-500	SRB-522*	RSR-500-ND	R-522-D
RSR-9500-W	RSR-9500-B	RSR-500-N	SW-500	SRB-511	—	—
RSR-9500-W	RSR-9500-B	RSR-500-N	SW-500	SRB-513	—	—
RSR-9500-W	RSR-9500-B	RSR-500-N	SW-500	SRB-514	RSR-500-ND	R-516-D
RSR-9500-W	RSR-9500-B	RSR-500-N	SW-500	SRB-516	RSR-500-ND	R-516-D
RSR-9500-W	RSR-9500-B	RSR-500-N	SW-500	SRB-518	RSR-500-ND	R-518-D
RSR-9500-W	RSR-9500-B	RSR-500-N	SW-500	SRB-520	RSR-500-ND	R-520-D
RSR-9500-W	RSR-9500-B	RSR-500-N	SW-500	SRB-522	RSR-500-ND	R-522-D
RSR-9601-W	RSR-9601-B	RSR-600-N	SW-600	SRB-625	RSR-600-ND	R-625-D
RSR-9601-W	RSR-9601-B	RSR-600-N	SW-600	SRB-627	RSR-600-ND	R-627-D
RSR-9601-W	RSR-9601-B	RSR-600-N	SW-600	SRB-629	RSR-600-ND	R-629-D
RSR-9600-W	RSR-9600-B	RSR-600-N	SW-600	SRB-622	RSR-600-ND	R-625-D
RSR-9600-W	RSR-9600-B	RSR-600-N	SW-600	SRB-625	RSR-600-ND	R-625-D
RSR-9600-W	RSR-9600-B	RSR-600-N	SW-600	SRB-627	RSR-600-ND	R-627-D
RSR-9600-W	RSR-9600-B	RSR-600-N	SW-600	SRB-629	RSR-600-ND	R-629-D

*Nuts sold as components are marked UL/CSA

CORD CONNECTORS

WIRE MESH GRIPS

PICO-LINK

MICRO-LINK

MINI-LINK

MULTI-PORT BOXES

BUS SYSTEM PRODUCTS



TUFF-SEAL TECHNICAL REFERENCE SECTION

RoHS STATEMENT

Remke Industries supports the European Union's efforts to remove harmful chemicals from electrical products. In compliance with Directive 2002/95/EC of the European Parliament and the Council of the European Union regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), Remke Industries certifies either:

1. The maximum concentration values of weight in homogenous materials for the substances referred to in Article 4(1) of directive 2002/95/EC that are contained in the products do not exceed the maximum concentration values of 0.1% in respect of lead, mercury, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers, and 0.01% in respect of cadmium. OR
2. The product supplied is exempt from this directive.

Remke Industries certifies that all products of our manufacture are fully compliant to the current RoHS Directive.



REMKE INDUSTRIES
REGISTERED TO ISO 9001:2000
FILE NUMBER A9208

ISO CERTIFICATION

On July 1st, 2003 Remke Industries received ISO 9001 : 2000 certification which certifies that Remke is compliant with current ISO standards.

OPERATING TEMPERATURES

Material	Temperature range
Aluminum	-40°F to +300°F (-40°C to +149°C)
Buna-N	-40°F to +250°F (-40°C to +121°C)
Nylon	-40°F to +225°F (-40°C to +107°C)
Steel	-60°F to +1000°F (-51°C to +537°C)
Stainless Steel	-60°F to +1000°F (-51°C to +537°C)
Neoprene (bushings)	-40°F to +250°F (-40°C to +121°C)
Silicone (bushings)	-150°F to +390°F (-65°C to +232°C)
Valox	-40°F to +250°F (-40°C to +121°C)
Dome-Cap Connectors:	
Non-Metallic	-22°F to +176°F (-30°C to +80°C)
Metallic	-40°F to +212°F (-40°C to +100°C)

FLAMMABILITY

Component	Rating
Mesh Grip	UL 94HB
Fitting	UL 94V-2

Note: Non-metallic cord connectors will not support combustion.

APPROVALS, CERTIFICATION & COMPLIANCES

Agency	File Number	Product or Component		
Underwriters Laboratories Inc. (UL)	E53599	RSR Series (Straight, 90°, 45°)		
		RSP Series (Straight, 90°)		
		RSM Cord Grips		
		RSRS Cord Grips		
		RSRF Series		
	E52002	Liqua-Seal Connectors		
	E52002(N)	WH Series Watertight Conduit Hubs		
	E157356(N)	WH Series Watertight Conduit Hubs		
Canadian Standards Association (CSA)	28985	RSR Series (Straight, 90°, 45°)		
		RSP Series (Straight, 90°)		
		RSRS Cord Grips		
		RSRF Series		
		RSSS Series		
		RSPV Series		
		MC Cable Connectors		
		Watertight Conduit Hubs		
		National Electrical Code (NEC)	Articles 400-10	RSR Series (Straight, 90°, 45°)
			Articles 400-14	RSP Series (Straight, 90°)
		RSM Cord Grips		
		RSRS Cord Grips		
		RSRF Series		
	Articles 501-4(B)	WH Series Watertight Conduit Hubs		
	Articles 502-4(A)	WH Series Watertight Conduit Hubs		
	Articles 503-3(A)	WH Series Watertight Conduit Hubs		
ROHS & WEE	All Tuff-Seal and Tuff-Link Products are Compliant			

HAZARDOUS LOCATIONS

Definition	Remke Products
The Remke products listed are suitable for use in hazardous locations per Class I, Div. 2, Class II, Div 1 & 2, and Class III, Div. 1 & 2	RSR Series (Straight, 90°, 45°) WH Series Watertight Conduit Hubs RSP Series (Straight, 90°) RSM Cord Grips, RSRS Cord Grips RSRF Series

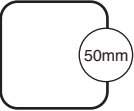
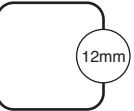
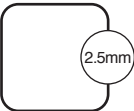
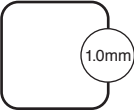
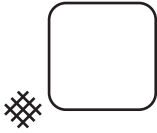
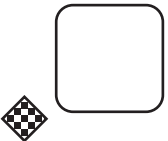
KNOCKOUT DIMENSIONS

N.P.T. Hub Size	Knockout Hole Recommended (Min to Max /Inches)
1/4"	.540 to .570
3/8"	.671 to .701
1/2"	.859 to .906
3/4"	1.094 to 1.141
1"	1.359 to 1.406
1 1/4"	1.719 to 1.766
1 1/2"	1.969 to 2.016
2"	2.453 to 2.500
2 1/2"	2.953 to 3.000
3"	3.578 to 3.625

RATINGS/MATERIAL OF CONSTRUCTION



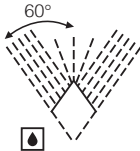

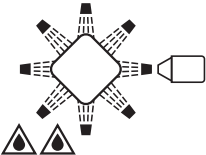
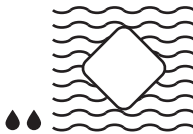
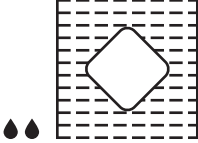
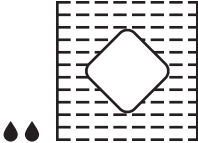
Material	IP 54 and NEMA 3	IP 54 and NEMA 3R	IP 65 and NEMA 4	IP 56 and NEMA 4X	IP 67 and NEMA 6	IP 52 and NEMA 12
Aluminum	X	X	X	—	X	X
Nickel-Plated Aluminum	X	X	X	X	X	X
Steel	X	X	X	—	X	X
Stainless Steel	X	X	X	X	X	X
Nylon	X	X	X	—	X	X
Valox	X	X	X	X	X	X

IP RATINGS DEFINITION

First Digit		Protection From Solid Objects
0		Non-Protected
1		Protected against solid objects over 50mm e.g hands, large tools
2		Protected against solid objects over 12mm e.g hands, large tools
3		Protection from entry by solid objects over 2.5mm e.g. wire or small tools
4		Protection from entry by solid objects over 1.0mm e.g. wires or tools
5		Protection against deposits of dust e.g. against equipment damage due to deposits
6		Total protection against dust ingress e.g. Dust-Tight

IP CODE EXAMPLE

IP54 = IP (IP LETTER CODE), 5 (1st Digit), 4 (2nd Digit)

Second Digit		Protection From Moisture
0		Non-Protected
1		Protection against vertically falling drops of water
2		Protection against direct sprays of water up to a 15° angle
3		Protection against direct sprays of water up to a 60° angle
4		Protection against water sprayed from any direction. Limited ingress permitted.
5		Protection against low pressure water jets from any direction. Limited ingress permitted
6		Protection against high pressure water jets from any direction. Limited ingress permitted.
7		Protection against immersion between 15cm and 1M
8		Protection against complete and continuous immersion in water under pressure e.g Water-Tight