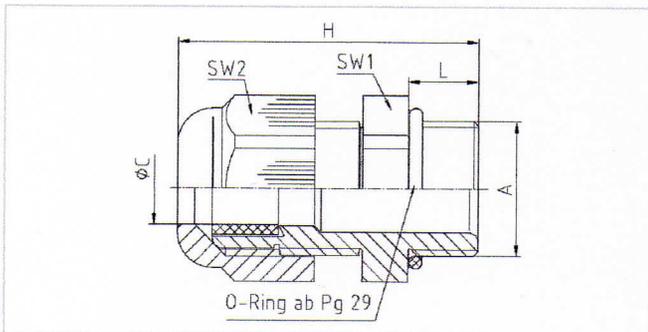


Aufbau	
Hutmutter	Polyamid PA6 V-2
Dichtring	Polychloropren-Nitrilkautschuk CR/NBR
Zwischenstutzen	Polyamid PA6 V-2
Anschlussgewinde	Pg, nach DIN 40430

Configuration	
Dome nut	Polyamide PA6 V-2
Sealing ring	Polychloroprene-Nitrile rubber CR/NBR
Gland body	Polyamide PA6 V-2
Connecting thread	Pg as per DIN 40430

Eigenschaften	
	integrierte Zugentlastung, großer Dicht- und Klemmbereich, montagefreundlich
Temperaturbereich	-20°C / +100°C
Schutzart	IP68 - 5 bar
Prüfnorm	UL 514B
UL / CSA-File	E140310
Hinweis	Angaben zu den einzelnen Prüfungen siehe Anhang

Properties	
	integrated anchorage, wide sealing and clamping range, easy-to-install
Temperature range	-20°C / +100°C
Protection grade	IP68 - 5 bar
Test standard	UL 514B
UL / CSA-File	E140310
Comment	details about test standards see annex



### Merkmale

### Characteristics

#### Anschlussgewinde Standardlänge

#### Connecting thread standard length

A	øC mm	Ezza				H mm	Art.-Nr. / Part No.	Art.-Nr. / Part No.	Art.-Nr. / Part No.
		L mm	SW1 mm	SW2 mm	mm				
Pg 7	3 - 6,5	8	15	15	30,5	100	50.007 PA	50.007 PA7035	50.007 PA/SW
Pg 9	4 - 8	8	19	19	34	100	50.009 PA	50.009 PA7035	50.009 PA/SW
Pg 11	5 - 10	8	22	22	37	100	50.011 PA	50.011 PA7035	50.011 PA/SW
Pg 13,5	6 - 12	9	24	24	39	100	50.013 PA	50.013 PA7035	50.013 PA/SW
Pg 16	10 - 14	10	27	27	42,5	50	50.016 PA	50.016 PA7035	50.016 PA/SW
Pg 21	13 - 18	11	33	33	47,5	50	50.021 PA	50.021 PA7035	50.021 PA/SW
Pg 29	18 - 25	11	42	42	53	25	50.029 PA	50.029 PA7035	50.029 PA/SW
Pg 36	22 - 32	13	53	53	61	10	50.036 PA	50.036 PA7035	50.036 PA/SW
PG 42	30 - 38	13	60	60	65	5	50.042 PA	50.042 PA7035	50.042 PA/SW
Pg 48	34 - 44	14	65	65	67	5	50.048 PA	50.048 PA7035	50.048 PA/SW

#### Anschlussgewinde lang

#### Connecting thread long

A	øC mm	Ezza				H mm	Art.-Nr. / Part No.	Art.-Nr. / Part No.	Art.-Nr. / Part No.
		L mm	SW1 mm	SW2 mm	mm				
Pg 7	3 - 6,5	15	15	15	37,5	100	50.007 PA15	50007/7035/15	50.007 PASW15
Pg 9	4 - 8	15	19	19	41	100	50.009 PA15	50009/7035/15	50.009 PASW15
Pg 11	5 - 10	15	22	22	44	100	50.011 PA15	50011/7035/15	50.011 PASW15
Pg 13,5	6 - 12	15	24	24	45	100	50.013 PA15	50013/7035/15	50.013 PASW15
Pg 16	10 - 14	15	27	27	47,5	50	50.016 PA15	50016/7035/15	50.016 PASW15
Pg 21	13 - 18	15	33	33	51,5	50	50.021 PA15	50021/7035/15	50.021 PASW15
Pg 29	18 - 25	15	42	42	57	25	50.029 PA15	50029/7035/15	50.029 PASW15
Pg 36	22 - 32	18	53	53	66	10	50.036 PA18	50036/7035/18	50.036 PASW18

\*File E140310  
Project 93ME50061

Issued: May 11, 1993  
Revised: December 12, 2003

REPORT

on

LIQUID-TIGHT FITTINGS FOR FLEXIBLE CORD

Jacob GmbH  
Kernen, Germany

Copyright © 1993 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce this Report provided it is reproduced in its entirety.

DESCRIPTION

PRODUCT COVERED:

**USL, CNL** Liquid-Tight Fittings for Flexible Cord Cat. Nos.  
 50.016PAzzzz, 50.029PAzzzz, 50.036PAzzzz, 50.042PAzzzz,  
 50.048PAzzzz, 50.029PA/Rzzzz, 50.036PA/Rzzzz,  
 50.042PA/Rzzzz, 50.048PA/Rzzzz, 50016M20PAzzzz,  
 50.029M32PAzzzz, 50.036M40PAzzzz, 50.042M50PAzzzz,  
 50.048M63PAzzzz, 50029M32PA/Rzzzz, 50036M40PA/Rzzzz,  
 50042M50PA/Rzzzz, 50048M63PA/Rzzzz. 50.110PA/Rzzzz,  
 50.114PAzzzz

**USR, CNR** Component Liquid-Tight Fittings for Flexible Cord Part Nos.  
 50.0xxPAzzzz, 50.0xxPA/Rzzzz, 50007M12PAzzzz,  
 50011M16PAzzzz, 50013M20PAzzzz, 50021M25PAzzzz,  
 50.6xxM(1)zzzz, 50.6xxM(1)-Lzzzz, 50.6xxM(1)/EMVzzzz,  
 50.6xxM(1)/EMV/Lzzzz, 50.6xxM/Rzzzz, 50.6xxM/R/Lzzzz,  
 50.6xxM/EMV/Rzzzz, 50.6xxM/EMV/R/Lzzzz, 50.1xxzzzz,  
 50.1xxRzzzz, 50.6xxPAzzzz, 50.6xxPAzzzzL, 50.6xxPA/FLzzzz,  
 50.6xxPA/FLzzzz, 50.6xxPA/Rzzzz, 50.6xxPA/RLzzzz,  
 50.6xxPAFLRzzzz, 50.6xxPAFLRLzzzz, 50.1xxPAzzzz,  
 50.1xxxxPAzzzz, 50.1xxPA/BSzzzz, 50.1xxPA/Rzzzz,  
 50.1xxPA/BSRzzzz, 50.11213PA/Rzzzz, 50.11213PA/BSRzzzz,  
 50.013PA/Rzzzz, 50013M20PARzzzz. 50.6xxES(1)zzzz,  
 50.6xxES(1)EMVzzzz, 50.6xxES/Rzzzz, 50.6xxES/EMVRzzzz,  
 50.6xx/xxM(1)zzzz, 50.6xx/xxMRzzzz, 50.6xxM(1)EMVDzzzz,  
 50.6xxM/EMVDRzzzz, 50.6xxES(1)EMVDzzzz, 50.6xxES/EMVDRzzzz,  
 50.1xx(1)EMVzzzz, 50.1xx/EMVRzzzz, 50.1xxES(1)EMVzzzz,  
 50.1xxES/EMVRzzzz.

Part No.	Trade Size PG, NPT, Metric	Cord Diameter Range, mm	Illustration No.	
50.0xxPAzzzz	7	3-6.5	1	
	9	4-8		
	11	5-10		
	13	9-12		
	16	11-14		
	21	14-18		
	29	19-25		
	36	22-32		
	42	32-38		
50.0xxPA/Rzzzz	48	34-44	2	
	29	13.5-20		
	36	20-26		
	42	25-31		
48	29-35	3		
50007M12PAzzzz	12		3-6.5	
50011M16PAzzzz	16		5-10	
50013M20PAzzzz	20		9-12	
50016M20PAzzzz	20		11-14	
50021M25PAzzzz	25		13-18	
50029M32PAzzzz	32		19-25	
50036M40PAzzzz	40		22-32	
50042M50PAzzzz	50		32-38	
50048M63PAzzzz	63		34-44	
50029M32PA/Rzzzz	32		13.5-20	4
50036M40PA/Rzzzz	40		20-26	
50042M50PA/Rzzzz	50		25-31	
50048M63PA/Rzzzz	63		29-35	

Part No.	Trade Size PG, NPT, Metric	Cord Diameter Range, mm	Illustration No.
<b>Series A1, A2, A3 A4</b>  50.6xxMzzzz 50.6xxM-Lzzzz 50.6xxM/EMVzzzz 50.6xxM/EMV/Lzzzz  50.6xxESzzzz 50.6xxES/EMVzzzz 50.6xx/xxMzzzz, 50.6xxM/EMVDzzzz 50.6xxES/EMVDzzzz 50.1xx/EMVzzzz** 50.1xxES/EMVzzzz**	12 16 /** 3/8" 20 /** 1/2" 25/** 3/4" 32 /**1" 40 /**1 1/4" 50/**1 1/2" 63 /**2"	5-6 9 10-13 12-16 15-21 19-27 26-35 39-42	5-8
<b>Series A1, A2, A3 A4</b>  50.6xxM1zzzz 50.6xxM1-Lzzzz 50.6xxM1/EMVzzzz 50.6xxM1/EMV/Lzzzz 50.6xxES1zzzz 50.6xxES1/EMVzzzz 50.6xx/xxM1zzzz 50.6xxM1/EMVDzzzz 50.6xxES1/EMVDzzzz 50.1xx/1EMVzzzz** 50.1xxES1/EMVzzzz**	63 /**2"	39.2-48	
<b>Series B1, B2, B3, B4</b>  50.6xxM/Rzzzz 50.6xxM/R/Lzzzz 50.6xxM/EMV/Rzzzz 50.6xxM/EMV/R/Lzzzz 50.6xxES/Rzzzz 50.6xxES/EMVRzzzz 50.6xx/xxMRzzzz 50.6xxM/EMVDRzzzz 50.6xxES/EMVDRzzzz 50.1xx/EMVRzzzz** 50.1xxES/EMVRzzzz**	12 16 /** 3/8" 20 /** 1/2" 25 /** 3/4" 32 /**1" 40 /**1 1/4: 50 /**1-1/2 63 **/2"	3.2-5 9 13 9.3-16 13-21 17-27 22-35 48	9-12

Part No.	Trade Size PG, NPT, Metric	Cord Diameter Range, mm	Illustration No.
Series C1	3/8	7-8	13
50.1xxzzzz	1/2	7-12.5	
	3/4	13-18	
	1	18-25	
Series D1	3/8	6	14
50.1xxRzzzz	1/2	6-9	
	3/4	9-16	
	1	12-20	
Series E1, E2	12	6	15-16
50.6xxPAzzzz 50.6xxPAzzzzL	16	7-10	
	20	9-13	
	25	13-17	
	32	21	
	40	21-28	
	50	28-35	

Part No.	Trade Size PG, NPT, Metric	Cord Diameter Range, mm	Illustration No.
Series E3, E4 50.6xxPA/FLzzzz 50.6xxPA/FLzzzz	12 16 20 25 32 40 50	6 5.6-10 9-13 13-17 15-21 28 27-35	17-18
Series F1, F2 50.6xxPA/Rzzzz 50.6xxPA/RLzzzz	12 16 20 25 32 40 50	3.1-5 6-10 9-13 11-17 14.1-21 19-28 25-35	19-20
Series F3, F4 50.6xxPAFLRzzzz 50.6xxPAFLRLzzzz	12 16 20 25 32 40 50	3.1-5 6-10 9-13 11-17 14-21 17.7-28 35	21-22
Series G1, G2 50.1xxPAzzzz 50.1xxPA/BSzzzz 50.1xxxxPAzzzz 50.1xxxxPABSzzzz	3/8 1/2 1/2 1/2 3/4	5-10 9-12 11-14 15-18 14-18	23-24
Series G1 50.1xxPAzzzz	1 1-1/4	19-25 22-32	23
Series H1, H2 50.1xxPA/Rzzzz 50.1xxPA/BSRzzzz	3/8 1/2 3/4	3.5-7 7-12 9.6-16	25-26
Series H1 50.1xxPA/Rzzzz	1 1-1/4	13.5-20 20-26	25
Series H1 50.11213PA/Rzzzz 50.11213PA/BSRzzzz	1/2	6-9	25, 26
50.013PA/Rzzzz	13.5	6-9	27
50013M20PARzzzz	M20	6-9	28

GENERAL:

TABLE 1

Part No.	NPT Equivalent	Metric Equivalent (+)	PG Equivalent (+)
50.007PAzzzz	-		7
50.009PAzzzz	-		9
50.011PAzzzz	-		11
50.013PAzzzz	-		13.5
50.016PAzzzz	-		16
50.021PAzzzz	-		21
50.029PAzzzz	-		29
50.036PAzzzz	-		36
50.042PAzzzz	-		42
50.048PAzzzz	-		48
50.029PA/Rzzzz	-		29
50.036PA/Rzzzz	-		36
50.042PA/Rzzzz	-		42
50.048PA/Rzzzz	-		48
50007M12PAzzzz	-	M12	
50011M16PAzzzz	-	M16	
50013M20PAzzzz	-	M20	
50016M20PAzzzz	-	M20	
50021M25PAzzzz	-	M25	
50029M32PAzzzz	-	M32	
50036M40PAzzzz	-	M40	
50042M50PAzzzz	-	M50	
50048M63PAzzzz	-	M63	
50029M32PAzzzz	-	M32	
50036M40PAzzzz	-	M40	
50042M50PAzzzz	-	M50	
50048M63PAzzzz	-	M63	
50.612Mzzzz	-	M12	
50.616Mzzzz	-	M16	
50.620Mzzzz	-	M20	
50.625Mzzzz	-	M25	
50.632Mzzzz	-	M32	
50.640Mzzzz	-	M40	
50.650Mzzzz	-	M50	
50.663Mzzzz	-	M63	
50.663M1zzzz	-	M63	
50.612M/Rzzzz	-	M12	
50.616M/Rzzzz	-	M16	
50.620M/Rzzzz	-	M20	
50.625M/Rzzzz	-	M25	
50.632M/Rzzzz	-	M32	

<u>Part No.</u>	<u>NPT Equivalent</u>	<u>Metric Equivalent (+)</u>	<u>PG Equivalent (+)</u>
50.640M/Rzzzz	-	M40	
50.650M/Rzzzz	-	M50	
50.663M/Rzzzz	-	M63	
50.138zzzz	3/8		
50.112zzzz	1/2		
50.134zzzz	3/4		
50.110zzzz	1		
50.138Rzzzz	3/8		
50.112Rzzzz	1/2		
50.134Rzzzz	3/4		
50.110Rzzzz	1		
50.612PAzzzz	-	M12	
50.616PAzzzz	-	M16	
50.620PAzzzz	-	M20	
50.625PAzzzz	-	M25	
50.632PAzzzz	-	M32	
50.640PAzzzz	-	M40	
50.650PAzzzz	-	M50	
50.663PAzzzz	-	M63	
50.612PA/Rzzzz	-	M12	
50.616PA/Rzzzz	-	M16	
50.620PA/Rzzzz	-	M20	
50.625PA/Rzzzz	-	M25	
50.632PA/Rzzzz	-	M32	
50.640PA/Rzzzz	-	M40	
50.650PA/Rzzzz	-	M50	
50.663PA/Rzzzz	-	M63	
50.138PAzzzz	3/8		
50.112PAzzzz	1/2		
50.134PAzzzz	3/4		
50.110PAzzzz	1		
50.114PAzzzz	1-1/4		
50.138PA/Rzzzz	3/8		
50.112PA/Rzzzz	1/2		
<b>50.11213PA/Rzzzz</b>	<b>1/2</b>		
50.134PA/Rzzzz	3/4		
50.110PA/Rzzzz	1		
50.114PA/Rzzzz	1-1/4		
<b>50.11213PA/BSRzzzz</b>	<b>1/2</b>		

- Indicates no NPT equivalent for the correlating part number.

+ - Indicates M12 = 12 mm, M16 = 16 mm, M20 = 20 mm, M25 = 25 mm,  
M32 = 32 mm, M40 = 40 mm, M50 = 50 mm, M63 = 63 mm.

## NOMENCLATURE:

## PLASTIC FITTINGS WITH PG THREAD

50.0xxPAzzzz      xx after 50.0 means Pg sizes 7, 9, 11, 13, 16, 21, 29, 36, 42, 48

50.0xxPAzzzz      zzzz after PA may be followed by Suffixes

Suffix	Explanation
"7035", "7001", "SW"	And other color-index to RAL polyamide is "all colors". UL Listed
"BS"	For spiral top
(corrective Suffixes)	
"FL"	V-0 polyamide is UL Listed
"L", "08", "10", "12", "15"	For other thread length
"R"	For reducing sealing ring
"GM", "G"	For mounted locknut on the thread
"OM"	For mounted O-ring on the thread
"SM"	For mounted dust cap as dust protection by transport or storage
"VPA", "V"	For mounted blind plug as dust protection by transport of storage
"STO"	For mounted insert without bore as dust protection by transport or storage

## PLASTIC FITTINGS WITH METRIC THREAD

50.0xxMxxPAzzzz      xx after 50.0xxM means metric sizes 12, 16, 20, 25, 32, 40, 50, 63

50.0xxMxxPAzzzz      zzzz after PA may be followed by Suffixes

Suffix	Explanation
"7035", "7001", "SW"	And other color-index to RAL polyamide is "all colors". UL Listed
"BS"	For spiral top
(corrective Suffixes)	
"FL"	V-0 polyamide is UL Listed
"L", "08", "10", "12", "15"	For other thread length
"R"	For reducing sealing ring
"GM", "G"	For mounted locknut on the thread
"OM"	For mounted O-ring on the thread
"SM"	For mounted dust cap as dust protection by transport or storage
"VPA", "V"	For mounted blind plug as dust protection by transport of storage
"STO"	For mounted insert without bore as dust protection by transport or storage

## PLASTIC FITTINGS WITH METRIC THREAD

50.6xxPAzzzz xx after 50.6 means metric sizes 12, 16, 20, 25, 32, 40, 50, 63

50.6xxPAzzzz zzzz after PA may be followed by Suffixes

Suffix	Explanation
"7035", "7001", "SW"	And other color-index to RAL polyamide is "all colors". UL Listed
"BS"	For spiral top
"FL"	V-0 polyamide is UL Listed
"L", "08", "10", "12", "15"	For other thread length
"R"	For reducing sealing ring
"GM", "G"	For mounted locknut on the thread
"OM"	For mounted O-ring on the thread
"SM"	For mounted dust cap as dust protection by transport or storage
"VPA", "V"	For mounted blind plug as dust protection by transport of storage
"STO"	For mounted insert without bore as dust protection by transport or storage

## ALL PLASTIC FITTINGS WITH NPT THREAD

50.1xxPAzzzz xx after 50.1 means NPT sizes 3/8, 1/2, 3/4, 1, 1-1/4

50.1xxPAzzzz zzzz after PA may be followed by Suffixes

Suffix	Explanation
"7035", "7001", "SW"	And other color-index to RAL polyamide is "all colors". UL Listed
"BS"	For spiral top
"FL"	V-0 polyamide is UL Listed
"L", "08", "10", "12", "15"	For other thread length
"R"	For reducing sealing ring
"GM", "G"	For mounted locknut on the thread
"OM"	For mounted O-ring on the thread
"SM"	For mounted dust cap as dust protection by transport or storage
"VPA", "V"	For mounted blind plug as dust protection by transport of storage
"STO"	For mounted insert without bore as dust protection by transport or storage
*	

## ALL BRASS FITTINGS WITH METRIC THREAD

50.6xxMzzzz      xx after 50.6 means metric sizes 12, 16, 20, 25, 32, 40,  
50, 63

50.6xxMzzzz      zzzz after M may be followed by Suffixes

Suffix	Explanation
"L"	For other thread length
"R"	For reducing sealing ring
"EMV"	For Part Series EMV/EMC
"GM", "G"	For mounted locknut on the thread
"SM"	For mounted dust cap as dust protection by transport or storage
"VPA", "V"	For mounted blind plug as dust protection by transport of storage
"STO"	For mounted insert without bore as dust protection by transport or storage
"M1"	Maximum Diameter 48 mm

## ALL BRASS FITTINGS WITH NPT THREAD

50.1xxzzzz      xx after 50.1 means NPT sizes 3/8, 1/2, 3/4, 1

50.1xxzzzz      zzzz may be followed by Suffixes

Suffix	Explanation
"R"	For reducing sealing ring
"EMV"	For Part Series EMV/EMC
"GM", "G"	For mounted locknut on the thread
"OM"	For mounted O-Ring on the thread
"SM"	For mounted dust cap as dust protection by transport or storage
"VPA", "V"	For mounted blind plug as dust protection by transport of storage
"STO"	For mounted insert without bore as dust protection by transport or storage

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated USR, USL have been investigated using requirements contained in UL 514B.

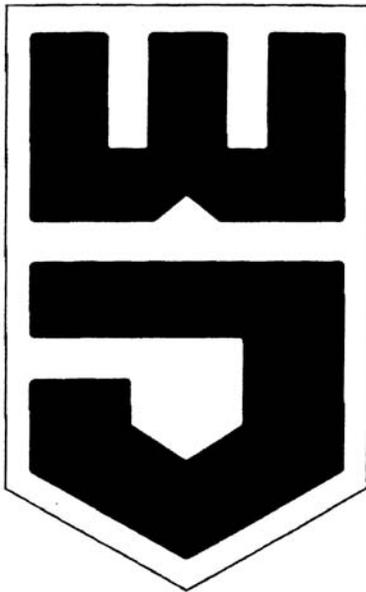
Products designated CNR, CNL have been investigated using requirements contained in CAN/CSA 22.2 No. 18-98.

## Conditions of Acceptability -

1. **The following part numbers shall be installed in a suitable opening:  
50.6xxPAzzzz, 50.1xxPAzzzz, 50.6xxMzzzz, 50.1xx, 50.0xxPA/R,  
500xxMxxPARzzzz, 50.6xxESzzzz, 50.6xx/xxMzzzz, 50.6xxM/EMVDzzzz.**
2. These devices are for use in Listed equipment.
3. All fittings were subjected to an exposure to UV Light and Water Conditioning Test.
4. **Some Recognized fittings have been evaluated to the manufacturer's specified pull force which is lower than the 35 lb pull requirement in UL514B.**

## MARKING:

Listee's trademark on device. Part No. and metric equivalent, M12, M16, M20, M25, M32, M40, M50 or M63, or Part No. and PG equivalent PG 7, PG 9, PG 11, PG 13.5, PG 16, PG 21, PG 29, PG 36, PG 42 or PG 48 and Part No. and NPT equivalent NPT 3/8, NPT 1/2, NPT 3/4, NPT 1, NPT 1-1/4 on device or carton. Also, the acceptable outside diameter range of cord for a flexible cord fitting shall be marked on the fitting or smallest unit-shipping carton.



File E140310  
Project 03NK07706

2003-06-30

REPORT

on

OUTLET BUSHINGS AND FITTINGS

Jacob GmbH  
Kernen, Germany

Copyright © 2003 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above named company to reproduce this Report provided it is reproduced in its entirety.

## DESCRIPTION

## PRODUCT COVERED:

USL, CNL Series 10.XX15 M/G, where XX is 20, 32, 40, 50 or 63.  
Series 10.XX15 PAVXXXX, where XX is 20, 32, 40, 50 or 63.

USR, CNR Component Series 10.XX15 M/G where XX is 12, 16 or 25.  
Series 10.XX15 PAVXXXX, where XX is 12, 16 or 25.

## GENERAL:

TABLE 1

Part No.	NPT Equivalent	Metric Equivalent(+)
10.1215XXXXXXXX	-	M12
10.1615XXXXXXXX	-	M16
10.2015XXXXXXXX	1/2	M20
10.2515XXXXXXXX	-	M25
10.3215XXXXXXXX	3/4	M32
10.4015XXXXXXXX	1	M40
10.5015XXXXXXXX	1-1/4, 1-1/2	M50
10.6315XXXXXXXX	2	M63

- Indicates no NPT equivalent for the correlating part number.
- + Indicates M12 = 12 mm, M16 = 16 mm, M20 = 20 mm, M25 = 25 mm,  
M32 = 32 mm, M40 = 40 mm, M50 = 50 mm, M63 = 63 mm.

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated USR, USL have been investigated using requirements contained in UL 514B.

Products designated CNR, CNL have been investigated using requirements contained in CAN/CSA 22.2 No. 18-98.

## Conditions of Acceptability -

1. The following part numbers shall be installed in a suitable opening: 10.1215XXXXXXXX, 10.1615XXXXXXXX and 10.2515XXXXXXXX. See Table 1 for opening sizes.

CONSTRUCTION DETAILS:

Marking - Lister's name, "Jacob" on device. Part No. and metric equivalent, M12, M16, M20, M25, M32, M40, M50 or M63 and Type 4X on device or carton.

File E140310  
Project 92ME50060

Issued: May 10, 1993  
Revised: April 10, 2009

REPORT

on

COMPONENT - LIQUID TIGHT FLEXIBLE CORD FITTINGS

**\*Jacob GmbH**  
**\*Kernen, Germany**

Copyright © 1993 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce this Report provided it is reproduced in its entirety.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce that portion of this Report consisting of this Cover Page through Page 1.

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Component Liquid-Tight Flexible Cord Fittings; Cat. Nos. 50.007PA, 50.009PA, 50.011PA, 50.013PA, 50.021PA, 50.134PA, 50.138PA, \*50.007M12PA, 50.011M16PA, 50.013M20PA, 50.021M25PA, may be followed by Suffix "/SW", "7035" or "BS".

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

USR denotes evaluation of these devices to UL Standard 514B.

Use - For use only with products where the acceptability of the combination is determined by Underwriters Laboratories Inc.

## Conditions of Acceptability -

- (1) These devices are for use in Listed equipment.
- (2) Only the combination of each fitting and the maximum cord size for that fitting (see table below) were subjected to a Strain Relief Test.
- (3) All fittings were subjected to an exposure to UV Light and Water Conditioning Test.

CNR denotes evaluation of these devices to Canadian Standard C22.2 No. 18-92.

## CONSTRUCTION DETAILS:

Markings - Listee's name or tradename on device. Cat. No. on device, carton or smallest unit carton.

Cat. No. Designation - Suffix "/SW" denotes fittings which are black in color. Suffix "BS" denotes spiral top. "7035" denotes light gray.

Cord Diameters - The acceptable cord diameter range must be provided on the carton or smallest unit containers.

<u>Cat. Nos.</u>	<u>Thread Size</u>	<u>Cord Diameter, In (mm)</u>
50.007PA	PG 7	0.118 (3) - 0.256 (6.5)
50.009PA	PG 9	0.157 (4) - 0.315 (8)
50.011PA	PG 11	0.197 (5) - 0.394 (10)
50.013PA	PG 13.5	0.354 (9) - 0.472 (12)
50.021PA	PG 21	0.551 (14) - 0.709 (18)
50.134PA	Npt 3/4	0.551 (14) - 0.709 (18)
50.138PA	Npt 3/8	0.197 (5) - 0.394 (10)
50.007M12PA	Metric M12	0.118 (3) - 0.256 (6.5)
50.011M16PA	Metric M16	0.197 (5) - 0.394 (10)
50.013M20PA	Metric M20	0.354 (9) - 0.472 (12)
50.021M25PA	Metric M25	0.551 (14) - 0.709 (18)