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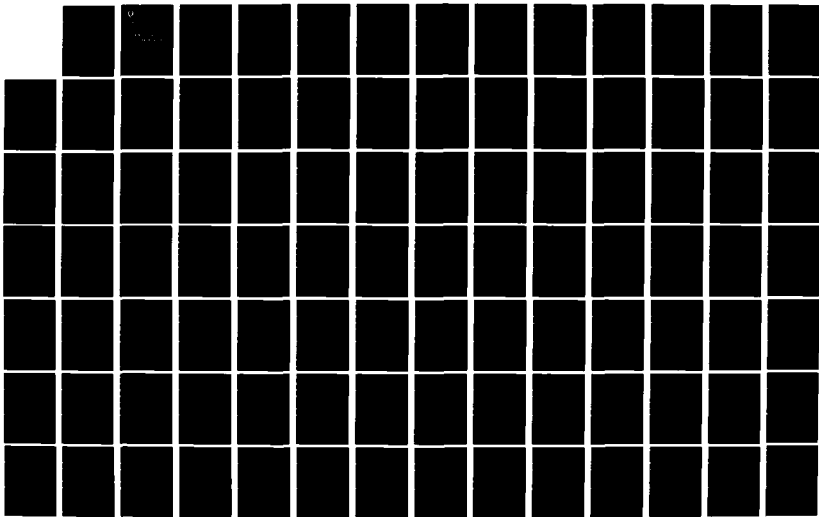
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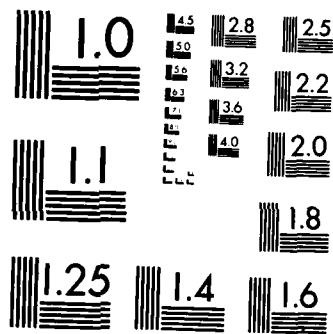
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This bibliography lists 1014 technical papers presented at International Wire and Cable Symposia from 1952 through 1981. The citations are grouped by symposium number and two indexes are provided: a Key Word in Context (KWIC) index for retrieval of titles by subject, a bibliography with symposium number assigned each paper, and an author title index. Among the broad subject areas covered in the bibliography are: military and aerospace electronics; telephone communications; electronic wiring; cable design, test and performance, evaluation; electrical engineering and fiber optics.			

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- 96 RF POWER RATINGS OF TEFLON COAXIAL CABLES (VSWR, TEMPERATURE)  
BY: MAPES, G.J. CAMILLO, C.C.  
FOURTH SYMPOSIUM, 1955 (AD-656379)
- 97 NEW DEVELOPMENTS IN SILICONE RUBBER COMPOUNDS FOR EXTRUDED ELECTRICAL  
INSULATION (THERMAL, WATER)  
BY: NOBLE, M.G.

- FIFTH SYMPOSIUM, 1956 (AD-656518)  
 98 NEW DEVELOPMENTS IN SILICONE RUBBER ELECTRICAL TAPES (THERMAL, WATER)  
 BY: HURLEY, J.S. JR.  
 FIFTH SYMPOSIUM, 1956 (AD-656505)  
 99 HIGH POWER, LOW NOISE PULSE CABLES (COAXIAL, BUTYL, SILICONE, SEMI-  
 CONDUCTOR, SHIELDING)  
 BY: FELLER, R.G. AGRIOS, J.  
 FIFTH SYMPOSIUM, 1956 (AD-656503)  
 100 ADVANTAGES AND LIMITATIONS OF ALUMINUM WIRE AND CABLE (TAPE, ARMOR,  
 SHEATH, WATER, CORROSION, TERMINATIONS)  
 BY: STODDARD, H.R. GROSS, R.E. SNOW, G.A.  
 FIFTH SYMPOSIUM, 1956 (AD-656511)  
 101 SUBMARINE CABLE ACTIVITIES AT THE U.S. NAVY ELECTRONICS LABORATORY  
 (CABLE INSTALLATION)  
 BY: WILLIAMS, G.V.  
 FIFTH SYMPOSIUM, 1956 (AD-656507)  
 102 INSULATED PARALLEL CIRCUIT WITH AIR DIELECTRIC FOR RURAL TELEPHONE  
 SERVICE  
 BY: SMITH, W.T. BALLARD, C.R. BAILEY, R.S.  
 FIFTH SYMPOSIUM, 1956 (AD-656506)  
 103 C - RURAL WIRE (POLYETHYLENE, WATER)  
 BY: JAHN, A.P.  
 FIFTH SYMPOSIUM, 1956 (AD-656508)  
 104 HIGH POTENTIALS IN THE WIRE AND CABLE INDUSTRY (POLYETHYLENE, FLEXI-  
 BILITY, EXTRUSION, ELECTRICAL, ABRASION)  
 BY: CRONIN, E.W. MARTIN, J.B. BRACKEN, W.O.  
 FIFTH SYMPOSIUM, 1956 (AD-656509)  
 105 SOME CONSIDERATIONS ON THE USE OF HIGH DENSITY POLYTHENE IN THE CABL  
 E INDUSTRY (PLASTIC)  
 BY: GRANT, D.  
 FIFTH SYMPOSIUM, 1956 (AD-656502)  
 106 EFFECT OF RADIATION ON POLYETHYLENE  
 BY: LANZA, V.L.  
 FIFTH SYMPOSIUM, 1956 (AD-656513)  
 107 THE USE OF IRRADIATED POLYETHYLENE IN WIRE AND CABLE (SEMI  
 -CONDUCTOR, TAPE, THERMAL, ELECTRICAL, WATER)  
 BY: MAC KENZIE, K.J.  
 FIFTH SYMPOSIUM, 1956 (AD-656512)  
 108 A SEALING CONNECTOR FOR SMALL INSULATED CONDUCTORS (EPOXY, TERMINA  
 TIONS)  
 BY: BOLLMEYER, E.W.  
 FIFTH SYMPOSIUM, 1956 (AD-656517)  
 109 EXTRUSION OF TEFLON & TETRAFLUOROETHYLENE RESIN FOR WIRE INSULATION  
 (FLUOROCARBON)  
 BY: DE YOUNG, D.N. SNELLING, G.R.  
 FIFTH SYMPOSIUM, 1956 (AD-656515)  
 110 A PRACTICAL APPROACH TO THE EXTRUSION OF THERMOPLASTICS (POLYETHYLEN  
 E NYLON)  
 BY: HOOPER W.  
 FIFTH SYMPOSIUM, 1956 (AD-656514)  
 111 HOW TO PREDICT EXTRUDER PERFORMANCE (POLYETHYLENE)  
 BY: MADDOCK, B.M.  
 FIFTH SYMPOSIUM, 1956 (AD-656510)  
 112 KEL-F 500, A NEW FLUOROCARBON WIRE INSULATING MATERIAL (HOOK-UP,  
 RADIATION, EXTRUSION)  
 BY: JUPA, J.A.  
 FIFTH SYMPOSIUM, 1956 (AD-656504)  
 113 PROPERTIES OF HYPALON WIRE COVERINGS (ELECTRICAL, THERMAL, WEATHER)

- BY: KEELEY, F.W.  
 FIFTH SYMPOSIUM, 1956 (AD-656523)  
 114 NYLON IN WIRE AND CABLE (ABRASION, DEFORMATION, CHEMICAL)  
 BY: GIBSON, A.L.  
 FIFTH SYMPOSIUM, 1956 (AD-656522)  
 115 HIGH SPEED COLOR CODING OF PVC INSULATED WIRE (PRINTING, INK)  
 BY: HOFF, W.L.  
 FIFTH SYMPOSIUM, 1956 (AD-656524)  
 116 RESISTANCE OF RUBBER COVERED CABLE, JACKET, AND INSULATION STOCKS TO  
 WEATHER AND ARTIFICIAL AGING  
 BY: BRYDEN, J.W. MITTON, P. RUPPERT, F. SMITH, M.  
 FIFTH SYMPOSIUM, 1956 (AD-656516)  
 117 AGING OF NEOPRENE IN A WEATHEROMETER  
 BY: VACCA, G.N. LUNDBERG, C.V.  
 FIFTH SYMPOSIUM, 1956 (AD-656500)  
 118 THE EFFECT OF CARBON BLACK SURFACE PROPERTIES ON THE STABILITY OF  
 POLYETHYLENE (WEATHER)  
 BY: MOYNIHAN, J.T.  
 FIFTH SYMPOSIUM, 1956 (AD-656501)  
 119 NEW DEVELOPMENTS IN CABLE JACKETING COMPOUNDS (PVC, ABRASION, LOW  
 TEMPERATURE, DEFORMATION)  
 BY: DAHRINGER, D.W. HIGGINS, W.T.  
 FIFTH SYMPOSIUM, 1956 (AD-656521)  
 120 SUB-MINIATURE COAXIAL CABLE R.F. POWER RATINGS AND CONNECTOR CHARAC  
 TERISTICS (POLYETHYLENE, FLUOROCARBON)  
 BY: MARES, G.J. SLADEK, N.J.  
 FIFTH SYMPOSIUM, 1956 (AD-656520)  
 121 ALUMINUM SHEATHING PRESS (METAL-PROCESSING)  
 BY: GARNER, J.G.  
 FIFTH SYMPOSIUM, 1956 (AD-656519)
- 122 COMMUNICATION UNDERGROUND DISTRIBUTION PLANT IN URBAN AREAS (POLYETH  
 YLENE, TERMINATION)  
 BY: FLOER, C.H.  
 SIXTH SYMPOSIUM, 1957 (AD-656409)  
 123 EXPERIENCES WITH SELF SUPPORTED PLASTIC COMMUNICATION CABLE (TERMINA  
 TION, POLYETHYLENE, PVC)  
 BY: BROWN, M.O.  
 SIXTH SYMPOSIUM, 1957 (AD-656410)  
 124 CABLE SPLICING GOES MODERN (COMMUNICATIONS)  
 BY: KLEINFELDER, W.C.  
 SIXTH SYMPOSIUM, 1957 (AD-656411)  
 125 FIELD STUDY OF SHEAR TYPE SEALING CONNECTOR (COMMUNICATION, REA)  
 BY: BULLMETER, E.W.  
 SIXTH SYMPOSIUM, 1957 (AD-656412)  
 126 EXTRUSION OF FAST CURING NEOPRENE WIRE AND CABLE COMPOUNDS (VULCANI  
 ZATION)  
 BY: SIMMONS, G.L. MC CURMACK, C.E.  
 SIXTH SYMPOSIUM, 1957 (AD-656413)  
 127 COMPOUNDING FOR HEAT RESISTANT INSULATIONS AND JACKETS (SBR, BUTYL,  
 NEOPRENE)  
 BY: ROWLEY, A.C.  
 SIXTH SYMPOSIUM, 1957 (AD-656414)  
 128 PRE-DISPERSED ACCELERATORS IN RUBBER COMPOUNDS (SBR, BUTYL, NEOPRENE,

- THERMAL, VULCANIZATION)  
 BY: WARE, J.  
 SIXTH SYMPOSIUM, 1957 (AD-656415)
- 129 NEW DEVELOPMENTS IN HI-FAX COVERINGS FOR WIRE AND CABLE (POLYETHYLENE, STRESS CRACKING)  
 BY: ACTON, W.P. BRACKEN, W.D.
- 130 THE EFFECT OF STOCK TEMPERATURE ON THE PHYSICAL PROPERTIES OF POLYETHYLENE COATINGS FOR WIRE (EXTRUSION)  
 BY: DURNO, J.A.  
 SIXTH SYMPOSIUM, 1957 (AD-656417)
- 131 THE INTERRELATIONSHIP BETWEEN DENSITY AND DIELECTRIC STRENGTH OF HIGH PRESSURE POLYETHYLENE FOR HIGH VOLTAGE  
 BY: SILVER, A.S.  
 SIXTH SYMPOSIUM, 1957 (AD-656418)
- 132 EVALUATION OF CARBON BLACK DISPERSIONS IN POLYETHYLENE TO PREDICT WEATHERABILITY  
 BY: SCHULKEN, R.M.JR. NEWLAND, G.C. TAMBLYN, J.W.  
 SIXTH SYMPOSIUM, 1957 (AD-656419)
- 133 BULK HANDLING OF POLYETHYLENE IN CABLE MANUFACTURING  
 BY: DINSMORE, M.G.JR.  
 SIXTH SYMPOSIUM, 1957 (AD-656420)
- 134 TECHNIQUES FOR INSULATING WIRE AND CABLE WITH SILICONE RUBBER (EXTRUSION, TAPE, VULCANIZATION)  
 BY: YOUNGS, D.C. BADAMO, G.J. CULVER, M.N.  
 SIXTH SYMPOSIUM, 1957 (AD-656421)
- 135 CONTROLLED PRESSURE (VALVE) EXTRUSION (POLYETHYLENE, PVC, POLYSTYRENE)  
 BY: MADDOCK, B.H. NALEPA, H.J. ZURKOFF, B.  
 SIXTH SYMPOSIUM, 1957 (AD-656422)
- 136 THE EXTRUSION OF TEFLON 100 X PERFLUOROCARBON RESIN, A NEW MELT EXTRUDABLE MATERIAL FOR WIRE INSULATION  
 BY: STABLER, R.E.  
 SIXTH SYMPOSIUM, 1957 (AD-656423)
- 137 FOAMED POLYETHYLENE COAXIAL CABLES (PVC, WATER, WEATHER)  
 BY: KARLSON, G.R. CAPILLO, C.C.  
 SIXTH SYMPOSIUM, 1957 (AD-656402)
- 138 LOW LOSS COAXIAL CABLE FOR MICROWAVE SERVICE (FOAM, POLYETHYLENE)  
 BY: AGRIOS, J.P. STONEBACK, I.T.  
 SIXTH SYMPOSIUM, 1957 (AD-656408)
- 139 HIGH TEMPERATURE AIRCRAFT WIRES (CONSTRUCTION, SILICONE, FLUOROCARBON, ASBESTOS, FLAME, COATINGS)  
 BY: WILSON, H.L. HORSTMAN, W.F.  
 SIXTH SYMPOSIUM, 1957 (AD-656403)
- 140 TESTING OF POLYVINYLCHLORIDE FORMULATIONS (ELECTRICAL, WATER)  
 BY: ASHWORTH, G.W. DARBY, J.R. KOERNER, W.E.  
 MUNCH, R.H.  
 SIXTH SYMPOSIUM, 1957 (AD-656404)
- 141 SOME ASPECTS OF THE STABILIZATION OF VINYL INSULATION (ELECTRICAL, THERMAL)  
 BY: HENDRICKS, J.G. COOPERMAN, N.L.  
 SIXTH SYMPOSIUM, 1957 (AD-656610)
- 142 DESIGN OF WIRE AND CABLE FOR DIRECT BURIAL ON RURAL TELEPHONE SYSTEMS OF RFA BORROWERS (CONSTRUCTION, POLYETHYLENE)  
 BY: BALLARD, C.R. FARNSWORTH, F.F. RICHEY, A.L.  
 BAILEY, R.S.  
 SIXTH SYMPOSIUM, 1957 (AD-656405)
- 143 BURIED RURAL TELEPHONE DISTRIBUTION SYSTEMS (TERMINATION, WATER, POLYETHYLENE)

- BY: BENNER, A.C.                      DAVIS, J.W.                      WILSON, D.G.  
SIXTH SYMPOSIUM, 1957 (AD-656407)
- 144 LEAKAGE OF ELECTROMAGNETIC ENERGY FROM COAXIAL CABLE STRUCTURES  
(SHIELDING, BRAIDED CABLE, TEM MODE)  
BY: IKRATH, K.  
SIXTH SYMPOSIUM, 1957 (AD-656424)
- 145 INFLUENCE OF WATER IMMERSION ON ELECTRICAL CHARACTERISTICS OF SILI  
CONE RUBBER)  
BY: NOBLE, M.G.                      SEAMONDS, W.L.  
SEVENTH SYMPOSIUM, 1958 (AD-656235)
- 146 ENJAY BUTYL IN LOW VOLTAGE APPLICATIONS (WEATHER, WATER, THERMAL,  
TELEPHONE DROP)  
BY: FISCHER, W.F.                      SMITH, W.C.  
SEVENTH SYMPOSIUM, 1958 (AD-656284)
- 147 RODENT ATTACK ON RUBBER AND PLASTICS INSULATED WIRES AND CABLES  
BY: BJORCK, G.R.                      LIZELL, B.F.                      ROOS, J.S.L.  
SEVENTH SYMPOSIUM, 1958 (AD-656295)
- 148 MEASUREMENT OF THE DEGREE OF DISPERSION OF CARBON BLACK IN POLYETHY  
LENE USING ABSORPTION OF LIGHT (WEATHER)  
BY: METZGER, A.P.                      CUCKS, G.G.  
SEVENTH SYMPOSIUM, 1958 (AD-656290)
- 149 MICRODENSITOMETRIC DETERMINATION OF DISPERSION (WEATHER, POLYETHY  
LENE)  
BY: BEST, W.G.                      TOMFOHRDE, H.F. III  
SEVENTH SYMPOSIUM, 1958 (AD-656275)
- 150 POLYTHENE-MECHANISM OF FRACTURE (TENSILE, IMPACT, LOW TEMPERATURE)  
BY: CLEGG, P.L.                      TURNER, S.                      VINCENT, P.I.  
SEVENTH SYMPOSIUM, 1958 (AD-656281)
- 151 THERMAL STRESS CRACKING OF POLYETHYLENE-II  
BY: HEISS, J.H.                      LANZA, V.L.                      MARTIN, W.M.  
SEVENTH SYMPOSIUM, 1958 (AD-656292)
- 152 CARBON BLACK LOADED CROSS-LINKED POLYETHYLENE IN WIRE AND CABLE  
(THERMAL, ABRASION, DEFORMATION)  
BY: BLUESTEIN, A.C.                      BOONSTRA, B.B.  
SEVENTH SYMPOSIUM, 1958 (AD-656298)
- 153 CHEMICALLY CROSS-LINKED POLYETHYLENE (THERMAL, ABRASION, IMPACT,  
ELECTRICAL, DEFORMATION, CHEMICAL, WATER)  
BY: KERWIN, F.R.  
SEVENTH SYMPOSIUM, 1958 (AD-656390)
- 154 NEW EXTRUSION TECHNIQUES WITH SILICONE RUBBER (FIXTURE, THERMAL)  
BY: BASHORE, H.H.                      SCHWARZ, E.G.                      SIMPSON, C.E.  
SEVENTH SYMPOSIUM, 1958 (AD-656279)
- 155 ELECTRON PROCESSING TECHNIQUES FOR WIRE AND CABLE IRRADIATION  
(RADIATION)  
BY: TPAGESER, D.A.  
SEVENTH SYMPOSIUM, 1958 (AD-656277)
- 156 THE EFFECTS OF RADIATION ON SILICONE RUBBER WIRE AND CABLE INSULA  
TION (PHYSICAL, ELECTRICAL)  
BY: CURRIN, C.G.  
SEVENTH SYMPOSIUM, 1958 (AD-656276)
- 157 NUCLEAR RADIATION - A NEW ENVIRONMENT (METAL, ANTI-RAD, ELECTRICAL,  
PLASTIC, RUBBER)  
BY: LEININGER, R.I.                      LYONS, C.J.

- SEVENTH SYMPOSIUM, 1958 (AD-656278)  
 158 LOW LOSS COAXIAL CABLE FOR HIGH TEMPERATURE SERVICE (THERMAL, INORGANIC INSULATION)  
 BY: DONOHUE, W.A. SMITH, F.T.
- SEVENTH SYMPOSIUM, 1958 (AD-656290)  
 159 COMPOSITE WIRES FOR OPERATION AS ELECTRICAL CONDUCTORS AT ELEVATED TEMPERATURE (THERMAL, METALS, CONDUCTIVITY)  
 BY: HOWELL, J.R.
- SEVENTH SYMPOSIUM, 1958 (AD-656291)  
 160 DEVELOPMENT AND APPLICATION NOTES ON THIN-WALL TEFLON INSULATED WIRE AND CABLE (FLUOROCARBON, HOOK-UP, TAPE)  
 BY: COHN, J.I.
- SEVENTH SYMPOSIUM, 1958 (AD-656292)  
 161 EVALUATION OF MULTICONDUCTOR CABLES USED IN GROUND TO AIR GUIDED MISSILE SYSTEMS (SILICONE, PVC, POLYETHYLENE)  
 BY: HORAN, T.J. ROACHE, J.J.
- SEVENTH SYMPOSIUM, 1958 (AD-656289)  
 162 FLAME RETARDENT POLYETHYLENE FOR WIRE AND CABLE (ELECTRICAL, THERMAL, DEFORMATION)  
 BY: GRAHAM, R.C. NEROS, C.A.
- SEVENTH SYMPOSIUM, 1958 (AD-656293)  
 163 EVEN COUNT POLYETHYLENE INSULATED CABLE (COLOR, CODING, TERMINATION)  
 BY: HORN, F.W.
- SEVENTH SYMPOSIUM, 1958 (AD-656294)  
 164 AN AIR-LAYABLE CARRIER FREQUENCY CABLE FOR MOBILE WARFARE (COMMUNICATION, POLYETHYLENE, CONSTRUCTION)  
 BY: MURRAY, W.C. HILLS, F.W.
- SEVENTH SYMPOSIUM, 1958 (AD-656293)  
 165 ALUMOWELD, A NEW BIMETALLIC WIRE FOR ELECTRICAL AND STRENGTH APPLICATIONS (ALUMINUM, CORROSION, TENSILE)  
 BY: LEIB, F.E.
- SEVENTH SYMPOSIUM, 1958 (AD-656287)  
 166 EFFECTS OF PLASTICIZERS UPON DRY BLENDING POLYVINYL CHLORIDE RESINS (MIXING, FLEXIBILITY, THERMAL, WEATHER)  
 BY: PARK, R.A.
- SEVENTH SYMPOSIUM, 1958 (AD-656286)
- 167 THE PROBLEM OF DRYING POLYETHYLENE SHEATHING COMPOUND PRIOR TO EXTRUSION (WATER)  
 BY: KRUGER, F.H.
- EIGHTH SYMPOSIUM, 1959 (AD-656240)  
 168 THE SYSTEMATIC CONTROL OF RUBBER-TO-METAL ADHESION IN WIRE AND CABLE INDUSTRY (SER, NEOPRENE, NITRILE, BUTYL)  
 BY: STOUT, R.P.
- EIGHTH SYMPOSIUM, 1959 (AD-656239)  
 169 THE DESIGN OF DIES FOR HIGH SPEED WIRE COATING (EXTRUSION, POLYETHYLENE)  
 BY: HAMMOND, L.R.
- EIGHTH SYMPOSIUM, 1959 (AD-656239)  
 170 A NOVEL METHOD OF CORE SCREENING OF POLYTHENE INSULATED CABLES (SEMI-CONDUCTANCE, SHIELDING, POWER CABLE)  
 BY: STEVENS, R.S. TOMICA, A.
- EIGHTH SYMPOSIUM, 1959 (AD-656237)  
 171 DEPENDENCE OF PHOTOLYTIC DEGRADATION OF POLYETHYLENE ON THE DEGREE

- OF DISPERSION OF CARBON BLACK (WEATHER)  
 BY: LANZA, V.L. HEISS, J.H. MARTIN, W.M.  
 EIGHTH SYMPOSIUM, 1959 (AD-656236)
- 172 ETHYLENE COPOLYMER FOR WIRE COATING (POLYETHYLENE, STRESS CRACK,  
 ELECTRICAL, COLOR)  
 BY: BOEKE, P.J. BRANSCUM, T.E. CRAIG, R.F.  
 EIGHTH SYMPOSIUM, 1959 (AD-656235)
- 173 NEW INSULATION APPLICATIONS FOR HIGH DENSITY POLYETHYLENE AND POLY  
 PROPYLENE (ELECTRICAL, PHYSICAL, THERMAL)  
 BY: ACTON, W.P. PETZOLD, L.C.  
 EIGHTH SYMPOSIUM, 1959 (AD-656234)
- 174 FILLER STUDY IN CROSS-LINKED POLYETHYLENE (ELECTRICAL, THERMAL, ABRASION,  
 TEAR)  
 BY: ABBEY, W.F. CARLSON, B.C. ZIMMERMAN, R.T.  
 EIGHTH SYMPOSIUM, 1959 (AD-656233)
- 175 AN EVALUATION OF HEAT STABILIZED, FLAME-RETARDED, CROSS-LINKED  
 POLYOLEFINS FOR ELECTRONIC WIRE AND CABLE APPLICATIONS  
 BY: COOK, P.M. MUCHMORE, R.W. RAPP, H.  
 EIGHTH SYMPOSIUM, 1959 (AD-656226)
- 176 NYLON 6 AS A WIRE JACKETING MATERIAL (THERMAL, ABRASION, ELECTRICAL)  
 BY: TAYLOR, C.W.  
 EIGHTH SYMPOSIUM, 1959 (AD-656228)
- 177 USE AND ABUSE OF PLASTIC INSULATION AND JACKETS (POLYETHYLENE, PVC,  
 TERMINATIONS)  
 BY: KELLMAN, B.  
 EIGHTH SYMPOSIUM, 1959 (AD-656231)
- 178 THERMAL AGING CHARACTERISTICS OF AIRCRAFT WIRES AND CABLES (MAGNET  
 WIRE, PVC, NYLON)  
 BY: BRANCATO, E.L. CAMPBELL, F.J.  
 EIGHTH SYMPOSIUM, 1959 (AD-656230)
- 179 EXPERIMENTAL RESULTS ON CELLULAR DIELECTRICS FOR TELE-COMMUNICATION  
 CABLES (STRESS-CRACKING, POLYETHYLENE)  
 BY: MCNELLI, P.  
 EIGHTH SYMPOSIUM, 1959 (AD-656229)
- 180 RIBBON CABLE FOR USE AT HIGH TEMPERATURE (TEFLON, FLUOROCARBON, AD  
 HESIVE, FLEX, TERMINATIONS)  
 BY: GORE, W.L.  
 EIGHTH SYMPOSIUM, 1959 (AD-656225)
- 181 PLASTIC-INSULATED RIBBON-CABLE FOR SWITCHBOARD WIRING (TERMINATION)  
 BY: COOLS, F. MOONS, H. WUTYS, J.  
 EIGHTH SYMPOSIUM, 1959 (AD-656248)
- 182 DEVELOPMENT OF SEMI-AIR SPACED COAXIAL CABLE FOR 300 C AND 500 C  
 (HIGH TEMPERATURE, RADIATION, TEFLON, INORGANIC)  
 BY: TRILL, S.W. MC KEAN, A.L.  
 EIGHTH SYMPOSIUM, 1959 (AD-656227)
- 183 DITRIDECYL PHTHALATE (DTP) IN HIGH TEMPERATURE VINYL INSULATION  
 (THERMAL, ELECTRICAL)  
 BY: DIMLER, W.A.JR.  
 EIGHTH SYMPOSIUM, 1959 (AD-656247)
- 184 COLOR STANDARDS FOR PLASTIC INSULATED COMMUNICATION CABLES AND WIRES  
 (POLYETHYLENE, PVC, MUNSSELL)  
 BY: NEWMAN, W.W.JR. BALLARD, C.R.  
 EIGHTH SYMPOSIUM, 1959 (AD-656246)
- 185 DETERMINATION OF THE COEFFICIENT OF LINEAR EXPANSION WITH TEMPERA  
 TURE OF CABLE STRUCTURES (COMMUNICATION)  
 BY: SHUHART, J.H. DAHMS, K.J.  
 EIGHTH SYMPOSIUM, 1959 (AD-656244)
- 186 CABLE SHEATHS AND WATER PERMEABILITY (BUTYL, POLYETHYLENE, NEOPRENE,



- SBR, PVC)  
 BY: TODD, G.F.  
 EIGHTH SYMPOSIUM, 1959 (AD-656243)
- 187 CROSS-TALK IN TACTICAL INTRA-AREA GROUND ELECTRONIC CABLES  
 BY: GODIN, E. OKOMOTO, K. BOTTICELLO, D.  
 EIGHTH SYMPOSIUM, 1959 (AD-656242)
- 188 DESIGN AND APPLICATION OF MISSILE CABLES EMPLOYING LAYTEX INSULATION  
 (PVC, NEOPRENE, NITRILE)  
 BY: PRIESTLEY, W.K. TAPPERO, C.J. D'AQUANNO, E.J.  
 EIGHTH SYMPOSIUM, 1959 (AD-656241)
- 189 AUTOMATIC CONVEYOR FOR POLYETHYLENE GRANULES (MATERIALS HANDLING)  
 BY: SHEEHAN, J.F.JR. QUICK, G.A.JR. BURROUGHS, H.H.  
 EIGHTH SYMPOSIUM, 1959 (AD-656249)
- 190 THEORETICAL CONSIDERATION OF STIFFNESS IN AN ELECTRIC CABLE (FLEX)  
 BY: CARNEY, V.L. MAC LAREN, E.W.JR.  
 EIGHTH SYMPOSIUM, 1959 (AD-656232)
- 191 AN IMPROVED OVEN FOR ACCELERATED AGING OF POLYVINYL CHLORIDE COMPOUNDS  
 BY: SHERWOOD, R.M. BORDONSKI, S.J.  
 NINTH SYMPOSIUM, 1960 (AD-656202)
- 192 COAXIAL CABLE AND SHIELDED WIRE TERMINATIONS (CRIMP, CONNECTOR, TOOL)  
 BY: BROWN, M.L.  
 NINTH SYMPOSIUM, 1960 (AD-656200)
- 193 SILICONE COMPOUND DEVELOPMENT AND QUALITY CONTROL THROUGH USE OF THE  
 MOONEY VISCOMETER (RHEOLOGY, CURE)  
 BY: SAVAGE, R.M.  
 NINTH SYMPOSIUM, 1960 (AD-656199)
- 194 DEGRADATION OF POLYMERS BY EXTERNAL CORONA DISCHARGE (OZONE, ELECTRON  
 BOMBARDMENT, IONIC BOMBARDMENT)  
 BY: GROSSMAN, R.F.  
 NINTH SYMPOSIUM, 1960 (AD-656198)
- 195 HEAT AGING STUDIES OF CHEMICALLY CROSS-LINKED POLYETHYLENE (DENSITY CUT-  
 THROUGH, RESIN, ANTIOXIDANT)  
 BY: TAREOX, A.E.  
 NINTH SYMPOSIUM, 1960 (AD-656196)
- 196 HIGH DENSITY POLYETHYLENE INSULATION IN COMMUNICATION CABLES (STRESS  
 -CRACKING, MOLECULAR WEIGHT, LOAD SHEATH)  
 BY: MC BRIDE, J.V.  
 NINTH SYMPOSIUM, 1960 (AD-656197)
- 197 NEW LOW-LOSS BALLOON TYPE POLYETHYLENE INSULATION FOR TELECOMMUNICA  
 TION CABLES (PROCESS, PERMITTIVITY FACTOR)  
 BY: FUCHS, G. VERGES, P.  
 NINTH SYMPOSIUM, 1960 (AD-656195)
- 198 CONSTRUCTION DETAILS AND PROCESSING METHODS OF GEOPHYSICAL CABLES  
 (MARINE, LAND CABLES, LIGHTWEIGHT, FLEXIBLE)  
 BY: MC KENNA, C.P.  
 NINTH SYMPOSIUM, 1960 (AD-656194)
- 199 A NEW ANTITWIST ARMORED SUBMARINE CABLE (COAXIAL, MODULUS)  
 BY: PRIAROGGIA, P.G. MINELLI, R. PALANORI, G.  
 GAZZANA, P.  
 NINTH SYMPOSIUM, 1960 (AD-656193)
- 200 UNARMORED SUBMARINE CABLE FOR DEEP-SEA CARRIER TELEPHONE (TRANSATLAN  
 TIC, REPEATERS, COAXIAL, LIGHTWEIGHT)  
 BY: MEYERS, A.L.

- 201 NINTH SYMPOSIUM, 1960 (AD-65619 2)  
CABLE SPLICING UTILIZING NEW SILICONE MATERIALS (WEATHERING, OZONE)  
BY: KINCAID, R.E.
- 202 NINTH SYMPOSIUM, 1960 (AD-656186)  
NEW FLUOROCARBON INSULATION COMPOUNDS (TEFLON, PLASTIC FLOW, ABRASION, CORONA, FIBERS, CUT-THROUGH)  
BY: CORE, W.L.
- 203 NINTH SYMPOSIUM, 1960 (AD-656187)  
SOME RECENT STUDIES OF ELECTRICAL GRADE FILLERS IN BUTYL RUBBER AND OTHER INSULATION MATERIALS (HIGH VOLTAGE)  
BY: FISCHER, W.F.
- 204 NINTH SYMPOSIUM, 1960 (AD-656191)  
THE IRRADIATION INDUCED ELASTIC MEMORY OF POLYMERS (RADIATION, POLYETHYLENE, TUBING, CROSS-LINKED)  
BY: LANZA, V.L. CDCK, P.M.
- 205 NINTH SYMPOSIUM, 1960 (AD-656190)  
THE APPLICATION OF ELECTRICAL CABLE TO MISSILE SYSTEMS (RELIABILITY, REQUIREMENTS, ENVIRONMENT, DESIGN)  
BY: MORGAN, G.H.
- 206 NINTH SYMPOSIUM, 1960 (AD-656189)  
PRODUCTION BY AUTOGENEOUS EXTRUSION (SCREW, ADIABATIC, EXOTHERMIC)  
BY: GRAY, A.N.
- 207 NINTH SYMPOSIUM, 1960 (AD-656188)  
A PRESENT AND FUTURE VIEW OF THE FIELD ARMY WIRE AND CABLE REQUIREMENTS (COMMUNICATION, SPIRAL-FOUR)  
BY: PATTERSON, D.T.
- 208 NINTH SYMPOSIUM, 1960 (AD-656206)  
FOUR WIRE FIELD WIRE (COMMUNICATION, MINIATURIZATION, TRANSMISSION, SPIRAL-QUAD)  
BY: MALINOWSKI, M.J. CRANMER, R.H.
- 209 NINTH SYMPOSIUM, 1960 (AD-656207)  
DEVELOPMENTS IN MINIATURE 300-600 VOLT FLEXIBLE INSULATED LEAD WIRE FOR USE AT 700-2000 F (HIGH TEMPERATURE)  
BY: PARKER, W.D.
- 210 NINTH SYMPOSIUM, 1960 (AD-656215)  
THE POWER RATING OF TEFLON COAXIAL CABLES AT EXTREME ENVIRONMENTS  
BY: PFUND, E.T. JR. KLANSKY, P.S.
- 211 NINTH SYMPOSIUM, 1960 (AD-656204)  
POLYMER REQUIREMENTS AND INSULATING TECHNIQUES FOR MAXIMUM BENEFITS OF HIGH DENSITY POLYETHYLENE (STRESS-CRACKING)  
BY: ETTINGER, R.J.
- 212 NINTH SYMPOSIUM, 1960 (AD-656216)  
WIRE JACKETS OF NYLON (SCREW DESIGN, QUALITY, STABILIZERS)  
BY: MC KANNAN, E.C. SHAW, R.E.
- 213 NINTH SYMPOSIUM, 1960 (AD-656203)  
SIMULTANEOUS EXTRUSION OF POLYETHYLENE AND POLYVINYL CHLORIDE COATINGS ON ELECTRICAL CONDUCTORS (MULTICOAT)  
BY: HENNING, G.E.
- 214 NINTH SYMPOSIUM, 1960 (AD-656205)  
AN ADAPTER TO IMPROVE THE SENSITIVITY OF THE Q METER FOR DIELECTRIC LOSS MEASUREMENTS OF POLYETHYLENE  
BY: ROSENTHAL, L. HAZEN, T.
- NINTH SYMPOSIUM, 1960 (AD-656201)

- 215 THE INFLUENCE OF EXTRUDER GEOMETRY IN THE PRODUCTION OF HOMOGENEOUS CELLULAR PLASTIC INSULATION (COLOR CODING)  
BY: SAUER, E.O. FOX, P.E.  
TENTH SYMPOSIUM, 1961 (AD-656170)
- 216 ELECTRICAL FATIGUE AND DIELECTRIC STRENGTH IN TEFLON TFE INSULATION  
BY: FOSTER, D.E. GUTHRIE, R.T. PENDERGAST, H.E.  
TENTH SYMPOSIUM, 1961 (AD-656171)
- 217 FACTORS INFLUENCING ACCELERATED OZONE TESTING AND WEATHERING OF CABLE COMPOSITIONS (AGING, WAXES)  
BY: YURGEN, W.J. PALINCHAK, S. STICKNEY, P.B.  
TENTH SYMPOSIUM, 1961 (AD-656172)
- 218 WATER ABSORPTION OF ELASTOMERS  
BY: BRIGGS, G.J. EDWARDS, D.C. STOREY, E.B.  
TENTH SYMPOSIUM, 1961 (AD-656173)
- 219 SILICONE RUBBER GRADED CONSTRUCTION FOR HIGH-VOLTAGE INSULATION (DIELECTRIC CONSTANT, GRADIENT)  
BY: NIZINSKI, S.J.  
TENTH SYMPOSIUM, 1961 (AD-656174)
- 220 STANDARDIZATION OF WIRE TERMINATIONS USED ON MILITARY EQUIPMENTS (CONNECTIONS)  
BY: BEACH, R.O.  
TENTH SYMPOSIUM, 1961 (AD-656175)
- 221 WIRES AND CABLES FOR SUBMARINE RADIO SYSTEMS (FIRE-RESISTANCE, WATER TIGHT, FLEXIBILITY, COAXIAL)  
BY: BLAISDELL, K.L.  
TENTH SYMPOSIUM, 1961 (AD-656176)
- 222 A NEW ATTENUATING CONDUCTOR FOR REDUCING RADIO FREQUENCY NOISE FOUND ON ORDINARY POWER DISTRIBUTION LINES  
BY: BROOKS, J.L. CLARK, D.B.  
TENTH SYMPOSIUM, 1961 (AD-656177)
- 223 UNDERWATER CABLE CONNECTORS AND TERMINATORS FOR HYDROSTATIC PRESSURES 5 TO 10,000 PSI  
BY: SWAN, R.A. THYM, G.C.  
TENTH SYMPOSIUM, 1961 (AD-656178)
- 224 QUINA: A SUBMARINE CABLE FOR AUDIO AND CARRIER FREQUENCIES (COAXIAL)  
BY: BORTOLETTO, B. MONELLI, R.  
TENTH SYMPOSIUM, 1961 (AD-656179)
- 225 CORRUGATED METALLIC SHEATH FOR COMMUNICATION AND DATA TRANSMISSION CABLE (CROSSTALK, SHIELDING, ARMOR, ALPETH)  
BY: ROBERTS, K.P. WARE, P.H.  
TENTH SYMPOSIUM, 1961 (AD-656181)
- 226 AN APPROACH TO OPTIMIZATION OF MISSILE CABLE SYSTEM DESIGN (LOGISTIC S, NEOPRENE, COLOR CODING)  
BY: GILMORE, W. KIRSSTEIN, B.  
TENTH SYMPOSIUM, 1961 (AD-656182)
- 227 DEVELOPMENT OF LIGHTWEIGHT GROUND SUPPORT CABLES FOR QUICK REACTION MISSILE SYSTEMS (MOBILITY, POLYCHLOROPRENE)  
BY: RIGLING, W.  
TENTH SYMPOSIUM, 1961 (AD-656180)
- 228 CHECKOUT CABLES FOR AN AIR-TO-SURFACE MISSILE (CONNECTORS, ASSEMBLYS)  
BY: GILL, F.K.  
TENTH SYMPOSIUM, 1961 (AD-656183)
- 229 CHANGING PATTERN OF TELEPHONE OUTSIDE PLANT (CARRIER, COAXIAL, MICRO WAVE, PIC, POLYETHYLENE, STAPETH, ALPETH)  
BY: LALLY, W.J.  
TENTH SYMPOSIUM, 1961 (AD-656162)
- 230 CHEMICALLY CROSS-LINKED POLYETHYLENE, A GENERAL PURPOSE COMPOUND (PLASTIC FLOW, STRESS CRACKING)

- BY: LING, T.H.      DATISS, C.J.  
 TENTH SYMPOSIUM, 1961 (AD-656163)  
 231 IRRADIATED LIGHT WEIGHT MINIATURE COAXIAL CABLE (POLYOLEFIN, FOAM)  
 BY: LANZA, V.L.      HALPERIN, R.M.      WALLACE, P.W.  
 TENTH SYMPOSIUM, 1961 (AD-656165)  
 232 A NEW APPROACH TO COMPOUNDING FOR HIGH TEMPERATURE VINYL WIRE INSULATION (PLASTICIZER, STABILIZER)  
 BY: FATH, J.      GRILLO, S.G.  
 TENTH SYMPOSIUM, 1961 (AD-656164)  
 233 LONG SPAN INSULATED OPEN WIRE TELEPHONE PLANT (TRANSMISSION, STRENGTH POLYETHYLENE)  
 BY: ERICSON, H.L.      LEE, H.B.      LOHSL, G.A.  
 TENTH SYMPOSIUM, 1961 (AD-656166)  
 234 A DUAL INSULATED TERMINATING CABLE (TELEPHONE, POLYVINYLCHLORIDE)  
 BY: WEBSTER, G.H.  
 TENTH SYMPOSIUM, 1961 (AD-656167)  
 235 LONGITUDINAL APPLICATION OF INSULATION AND SHIELDS COMMUNICATION CABLES (DISTRIBUTION, POLYETHYLENE, ALUMINUM)  
 BY: BUDENBENDER, H.W.  
 TENTH SYMPOSIUM, 1961 (AD-656168)  
 236 CELLULAR INSULATION FOR COMMUNICATION CABLE (POLYETHYLENE, TELEPHONE)  
 BY: PUSEY, B.B.  
 TENTH SYMPOSIUM, 1961 (AD-656169)
- 237 SILICONE INSULATED CABLES FOR NAVAL AND MARINE APPLICATION (FLAME)  
 BY: THOMPSON, G.J.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656080)  
 238 SOLID POLYPROPYLENE INSULATION FOR WIRE AND CABLE APPLICATIONS  
 BY: JOHNSON, G.P.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656078)  
 239 ZETAFIN COPOLYMER COMPOSITIONS FOR THE WIRE AND CABLE INDUSTRY (CROSS LINKING, FILLERS, POLYETHYLENE)  
 BY: MILNER, R.C.      SMITH, R.F.      VEAZEY, E.W.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656067)  
 240 COOLING RATE OF POLYETHYLENE INSULATED WIRE DURING EXTRUSION PROCESS  
 BY: GUENTHER, R.P.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656077)  
 241 DIFFUSION OF GASES THROUGH POLYETHYLENE CABLE JACKETS  
 BY: ALM, C.A.      HILLMAN, R.C.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656076)  
 242 A NEW METHOD FOR EXTRUSION AND VULCANIZATION OF QUALITY CABLE SHEATHS  
 BY: GOODVINE, D.F.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656075)  
 243 HOT LIQUID VULCANIZATION OF SILICONE RUBBER INSULATED WIRE AND CABLE  
 BY: NIZINSKI, S.J.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656074)  
 244 APPLICATION OF PVC WIRE INSULATION BY FLUIDIZED BED METHODS  
 BY: RENKIS, A.I.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656060)  
 245 EXTRUDING HIGH DENSITY POLYETHYLENE FOR QUALITY AND SAVINGS  
 BY: STILES, E.P.  
 ELEVENTH SYMPOSIUM, 1962 (AD-656065)  
 246 THE EFFECTS OF SPACE ENVIRONMENTS ON INSULATION OF TEFLON TFE AND PE

- P RESINS
- BY: REED, J.C. JOLLEY, C.E.  
ELEVENTH SYMPOSIUM, 1962 (AD-656064)
- 247 AN ENVIRONMENTAL HIGH PERFORMANCE, RUGGED SILICONE CABLE DESIGN FOR MISSILE APPLICATIONS  
BY: BLANCK, A.R.  
ELEVENTH SYMPOSIUM, 1962 (AD-656063)
- 248 IMPROVED GROUND SUPPORT MULTICONDUCTOR CABLES FOR MISSILE SYSTEMS  
BY: FERRERI, V.M.  
ELEVENTH SYMPOSIUM, 1962 (AD-656061)
- 249 TRANSIENTS INDUCED IN ELECTRICAL CABLES BY NUCLEAR RADIATION PULSES  
BY: BOTH, E. BRUEMMER, H.P. SCHLOSSER, W.  
ELEVENTH SYMPOSIUM, 1962 (AD-490145)
- 250 NEW DEVELOPMENTS IN THE MANUFACTURE OF COMMUNICATION CABLE AT OMAHA (PIC, POLYETHYLENE, PVC, SWITCHBOARD)  
BY: JACOBS, H.R. SCHULTZ, M.C. MALLORY, R.D.  
RAKE, R.W. MYERS, L.W.  
ELEVENTH SYMPOSIUM, 1962 (AD-656073)
- 251 ENGINEERING AND MATERIAL CONSIDERATIONS IN BURIED PLANT (RODENT, CAP ACITANCE, POLYETHYLENE)  
BY: BALLARD, C.R. EMMONS, P.M.  
ELEVENTH SYMPOSIUM, 1962 (AD-656072)
- 252 LIGHTNING PROTECTION FOR UNDERGROUND CABLES (HALL EFFECT, JACKET)  
BY: LOWE, C.  
ELEVENTH SYMPOSIUM, 1962 (AD-656071)
- 253 COMMUNICATION CABLES WITH WELDED AND CORRUGATED METALLIC SHEATHS  
BY: ANDRESEN, K. STEIN, D.R.  
ELEVENTH SYMPOSIUM, 1962 (AD-656070)
- 254 THE DEVELOPMENT AND APPLICATION OF A PRACTICAL FLAT CABLE AND CONNCTING METHOD (INTERCONNECTION, TERMINATION)  
BY: ELM, R.A. LEACH, E.E.  
ELEVENTH SYMPOSIUM, 1962 (AD-656069)
- 255 RESEARCH AND DEVELOPMENT OF HIGH TEMPERATURE, HIGH POWER, RADIO FREQ QUENCY TRANSMISSION LINES FOR 350 AND 825  
BY: WOODBURY, H.L.  
ELEVENTH SYMPOSIUM, 1962 (AD-656068)
- 256 THE TRANSMISSION LINE CAPABLE OF CONTINUOUS RADIATION ALONG ITS AXIS  
BY: MURATA, H.  
ELEVENTH SYMPOSIUM, 1962 (AD-657829)
- 257 NEW APPROACHES TO LOW LOSS FLEXIBLE COAXIAL CABLE DESIGNS (AIR DIELE CTRIC)  
BY: MANNELA, D.A. POMERANTZ, M.  
ELEVENTH SYMPOSIUM, 1962 (AD-656067)
- 258 HIGH PERFORMANCE, SMALL DIAMETER CONTROL CABLE  
BY: GIBSON, A.L.  
ELEVENTH SYMPOSIUM, 1962 (AD-656081)
- 259 TELEPRENE DROP WIRE WITH NEW SUPER HIGH STRENGTH COPPERWELD WIRE (S, A, GS, BREAKING LOADS)  
BY: PYLE, R.D. DUDLEY R.H.  
ELEVENTH SYMPOSIUM, 1962 (AD-656079)
- 260 CELLULAR POLYPROPYLENE INSULATION (AIR DIELECTRIC, EXTRUSION)  
BY: CONEYS, T.A. WITTER, E.R.  
TWELFTH SYMPOSIUM, 1963 (AD-656110)

- 261 PROPYLENE BASED COPOLYMERS IN WIRE AND CABLE APPLICATIONS (STABILITY  
 , TEMPERATURE EXTREMES, JACKETS, HOMOPOL)  
 BY: AAMODT, N.D. GUTEKUNST, R.W.  
 TWELFTH SYMPOSIUM, 1963 (AD-656110)
- 262 TERMINAL POINT WIRING DEVICES (CONNECTIONS, SOLDERLESS, TOOLS)  
 BY: RUDOLPH, D.B. HAMMELL, K.M.  
 TWELFTH SYMPOSIUM, 1963 (AD-656110)
- 263 A NEW DEVELOPMENT FOR MONITORING PRESSURIZED CABLE PLANT (ALARM)  
 BY: WOLFF, J.H. COHEN, E. GOLDSTINE, H.  
 TWELFTH SYMPOSIUM, 1963 (AD-656110)
- 264 THE SIGNIFICANCE OF ACCELERATED AGING TESTING OF RUBBER INSULATION  
 BY: LING, T.H.  
 TWELFTH SYMPOSIUM, 1963 (AD-656110)
- 265 EVALUATING CHEMICALLY CROSSLINKED POLYETHYLENES  
 BY: MARTENS, S.C.  
 TWELFTH SYMPOSIUM, 1963 (AD-656110)
- 266 INTERMEDIATE AND LOW DENSITY, LOW PRESSURE POLYETHYLENES-THEIR PROPE  
 RTIES AND THEIR APPLICATIONS IN THE WIRE  
 BY: HOUSTON, A.J. MORRO, H.A.B. O'BRIEN, E.T.  
 TWELFTH SYMPOSIUM, 1963 (AD-656108)
- 267 THE EFFECT OF DIE LAND LENGTH ON THE SURFACE APPEARANCE OF LOW MELT  
 INDEX POLYETHENE EXTRUDATES  
 BY: DURNO, J.A. KING, J.S.  
 TWELFTH SYMPOSIUM, 1963 (AD-656118)
- 268 HIGH SPEED BAND MARKING OF INSULATED CONDUCTORS (COLOR CODING)  
 BY: LEHNERT, G.  
 TWELFTH SYMPOSIUM, 1963 (AD-656119)
- 269 A FOAM POLYETHYLENE INSULATED COAXIAL CABLE FOR DIRECT BURIAL ON COM  
 MUNITY TV SYSTEMS  
 BY: BEAMISH, W.R.  
 TWELFTH SYMPOSIUM, 1963 (AD-656120)
- 270 RECENT DEVELOPMENT IN SMALL CORE COAXIAL CABLE (EXPANDED POLYSTYRENE)  
 BY: FORD, S.G.  
 TWELFTH SYMPOSIUM, 1963 (AD-656100)
- 271 EXAMPLES OF EFFECT OF DIMENSIONAL VARIATIONS ON ELECTRICAL PROPERTIES  
 OF COAXIAL CABLES  
 BY: RODRIQUEZ, G. HARDGRAVE, T.W.  
 TWELFTH SYMPOSIUM, 1963 (AD-656099)
- 272 EXTRA FLEXIBLE COAXIAL CABLE (LOW TEMPERATURE, BEND TESTS)  
 BY: LICHTENSTEIN, D.  
 TWELFTH SYMPOSIUM, 1963 (AD-656188)
- 273 THE MODIFICATION OF BUTYL RUBBER WITH POLYETHYLENE FOR WIRE AND CABL  
 E (OZONE, VULCANIZATION, AGING, CURING)  
 BY: DANIC, J.J. EDWARDS, D.C. WALKER, J.  
 TWELFTH SYMPOSIUM, 1963 (AD-656102)
- 274 ENVIRONMENTAL SEALING OF CONNECTORS OF MILITARY CABLES  
 BY: VOIDA, G.  
 TWELFTH SYMPOSIUM, 1963 (AD-65610)
- 275 WIRE AND CABLE INSULATION PROBLEMS OF SPACE VEHICLES (ENVIRONMENT,  
 IRRADIATION, THERMAL)  
 BY: WALKER, L.D.  
 TWELFTH SYMPOSIUM, 1963 (AD-656096)
- 276 FLAME-RETARDANT VULCANIZABLE POLYETHYLENE - A NEW ENGINEERING MATERI  
 AL (AGING, EXTRUSION)  
 BY: DOUGHERTY, J.L.  
 TWELFTH SYMPOSIUM, 1963 (AD-656103)
- 277 POLYPROPYLENE CABLE WRAPS (FILM, ABRASION, HEAT, PLASTIC)  
 BY: CONEYS, T.A. WIBBENS, R.L.

- 278 TWELFTH SYMPOSIUM, 1963 (AD-656105)  
ADHESIVE THERMOPLASTIC COPOLYMERS FOR THE WIRE AND CABLE INDUSTRY  
(BOND, CORROSION, JOINTS)  
BY: CLOCK, G.E. KLUMB, G.A. MILDNER, R.C.
- 279 TWELFTH SYMPOSIUM, 1963 (AD-656104)  
THE ELECTRICAL CONDUCTANCE OF CARBON BLACK (RESISTIVITY, PARTICLES)  
BY: VOET, A.
- 290 TWELFTH SYMPOSIUM, 1963 (AD-656094)  
THE CHARACTERISTICS OF KYNAR POLYVINYLIDENE FLUORIDE AS AN INSULATING  
MATERIAL (RADIATION, HOMOPOLYMER)  
BY: DUKERT, A.A. HALL, N.T.
- 281 POLYESTER FILM LAMINATES FOR WIRE INSULATION  
BY: GORE, W.L. MARTZ, R.E.
- 292 TWELFTH SYMPOSIUM, 1963 (AD-656106)  
TOUGHER WIRE JACKETS OF NYLON  
BY: DONNER, R.M. KJELLMARK, E.W. JR. SHAW, R.E.
- 283 TWELFTH SYMPOSIUM, 1963 (AD-655117)  
ETHYLENE PROPYLENE COPOLYMER PROVIDES A VERSATILE AND STABLE INSULATION  
BY: SMITH, W.C. FISCHER, W.F. NEWMAN, N.F.
- 284 TWELFTH SYMPOSIUM, 1963 (AD-656109)  
THE DESIGN AND DEVELOPMENT OF WIRE INSULATIONS FOR USE IN THE ENVIRONMEN  
T OF OUTER SPACE (WEIGHT, RADIATION)  
BY: LANZA, V.L. HALPERIN, R.M.
- 235 TWELFTH SYMPOSIUM, 1963 (AD-656095)  
GSE CABLE-FACT AND FICTION (MISSILE, MULTICONDUCTOR, FLEXIBILITY)  
BY: PATTERSON, W.K. PORTER, J.M.
- TWELFTH SYMPOSIUM, 1963 (AD-656101)
- 286 HIGH-STRENGTH ALLOY CONDUCTORS (FLEXIBILITY)  
BY: SCHUH, A.G. PENKACIK, J.
- 287 THIRTEENTH SYMPOSIUM, 1964 (AD-458867)  
REACTION OF SILICONE PROTECTED CABLES TO HUMIDITY ENVIRONMENTS  
BY: HOLSTEIN, S.H.
- 298 THIRTEENTH SYMPOSIUM, 1964 (AD-458557)  
ACCUMULATION OF MOISTURE IN PLASTIC SHEATHED CABLES (BURIAL)  
BY: HLADIK, W.M.
- 289 THIRTEENTH SYMPOSIUM, 1964 (AD-458550)  
CABLE ASSEMBLY STANDARDIZATION - DO'S, DON'TS, AND HOW'S (RELIABILIT  
Y)  
BY: HAYDEN, R.D. MAGER, A.H.
- 290 THIRTEENTH SYMPOSIUM, 1964 (AD-458505)  
NEW IMPROVED POLYOLEFIN WIRE AND CABLE RESINS (PLASTIC, HIGH DENSITY)  
BY: MARTINOVICH, R.J. PRITCHARD, J.E. SCOTT, J.N.  
BAILEY, F.W.
- 291 THIRTEENTH SYMPOSIUM, 1964 (AD-656525)  
THE ELECTRICAL CHARACTERISTICS OF SOME RESISTIVE PLASTICS FOR THE WI  
RE AND CABLE INDUSTRY (CARBON BLACK)  
BY: MILDNER, R.C. WOODLAND, P.C.
- 292 THIRTEENTH SYMPOSIUM, 1964 (AD-458551)  
PROGRESS IN THE USE OF ELECTROFILM POLYPROPYLENE CORE WRAPS IN CABLE  
CONSTRUCTION (LAMINATES, TAPES)  
BY: CHRISTIANSEN, R. JEHAN, H. SLATIN, A.
- THIRTEENTH SYMPOSIUM, 1964 (AD-458587)

- 293 DIMENSIONALLY EXPANDED FILM - A NEW APPROACH FOR CABLE CORE WRAP  
 BY: ROBERTS, W.L. BURCH, P.F.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458866)
- 294 A MATHEMATICAL COMPARISON OF THERMAL BARRIER PROPERTIES OF VARIOUS C  
 ABLE COPE INSULATION TAPES (HEAT TRANSFER)  
 BY: MUELLER, A.C. PALMER, C.D.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458579)
- 295 EFFECT OF EXTRUSION PROCESSING ON ENVIRONMENTAL STRESS CRACKING RESI  
 STANCE OF POLYETHYLENE SHEATHING COMPOUND  
 BY: APEN, J.R.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458569)
- 296 HOW TO IMPROVE WIRE QUALITY AND INCREASE EQUIPMENT UTILIZATION (EXTR  
 USION, DIAMETER CONTROL)  
 BY: HUTCHINS, W.C.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458591)
- 297 INDIVIDUAL CABLE IDENTIFICATION BY A THERMAL COLOR TRANSITION METHOD  
 BY: WARD, F.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458868)
- 298 THE USE OF HEAT SHRINKABLE SILICONE RUBBER ON CABLES AND CABLE ASSEM  
 BLIES  
 BY: MAKONECHNY, M. WEYER, D.E. WEHMUELLER, G.L.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-456526)
- 299 SOME EFFECTS OF WIRE PRE-HEAT AND COOLING VARIABLES ON THE PROPERTIE  
 S OF POLYETHYLENE INSULATION ON TELEPHONE CABLES  
 BY: COX, W.J.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458576)
- 300 A RADIATION CROSS-LINKED POLYALKENE POLYVINYLIDENE FLUORIDE GENERAL  
 PURPOSE WIRE  
 BY: LANZA, V.L. HALPEFIN, R.M.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458589)
- 301 TEFLON-PYRRE ML WIRE INSULATION SYSTEM (HOOKUP, HIGH TEMPERATURE)  
 BY: LEARN, J.R. SEEGERS, M.P.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458555)
- 302 PROPERTIES OF VARIOUS WIRE AND CABLE CONSTRUCTIONS INSULATED WITH H-  
 FILM (HOOKUP, HIGH TEMPERATURE, RADIATION)  
 BY: LA SALA, J.I. GREYSON, W.L.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458588)
- 303 MODERN SILICONE COMPOUNDS ANSWER THE CHALLENGES OF INDUSTRY (RUBBER)  
 BY: NOBLE, M.G. SAVAGE, R.M.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458580)
- 304 A SECOND LOOK AT FOAMED DIELECTRICS FOR MICROWAVE USE (COAXIAL)  
 BY: POMERANTZ, M. MAYO, W.E.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458581)
- 305 APPARENT ERRORS IN THE MEASUREMENT OF MUTUAL CAPACITANCE ON LONGER L  
 ENGTHS OF CABLE PAIR AT 1000 CPS  
 BY: BUSCEMI, J.V. WIDMER, A.E.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458847)
- 306 AN AIRLAYABLE 60 CHANNEL COMMUNICATION CABLE (COAXIAL)  
 BY: BENDAYAN, J. JOCTEUR, R.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458578)
- 307 THE CROSSTALK CHARACTERISTICS OF COAXIAL CABLES SHIELDED WITH ELECTR  
 OMAGNETICALLY ANISOTROPIC METALLIC LAYERS  
 BY: KUMAMARU, H.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458848)
- 308 RECENT IMPROVEMENTS IN METHODS OF MEASURING DIELECTRIC CONSTANT AND  
 LOSS CHARACTERISTICS OF POLYETHYLENES FOR CABLES  
 BY: HAZEN, T.  
 THIRTEENTH SYMPOSIUM, 1964 (AD-458590)



- 309 PLACING METHODS FOR SELF SUPPORTING CABLE (AERIAL INSTALLATION)  
BY: NEWBURGER, J.A.  
THIRTEENTH SYMPOSIUM, 1964 (AD-458269)
- 310 FAILURE MECHANISMS IN GROUND SUPPORT CABLES (MECHANICAL TESTS)  
BY: SCHWARTZ, A.M.  
THIRTEENTH SYMPOSIUM, 1964 (AD-458549)
- 311 A NEW SOLDERLESS FLAT CABLE-TO-CIRCUIT BOARD CONNECTOR  
BY: MCCULLOUGH, R.W.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479558)
- 312 FLAT CABLES FOR LIGHTWEIGHT INTERCONNECTIONS (FLEXING, VIBRATION)  
BY: GODWIN, E.F. REILLY, G.J.  
FOURTEENTH SYMPOSIUM, 1965 (AD-478970)
- 313 CHLORINATED POLYETHYLENE IN WIRE AND CABLE APPLICATIONS (JACKETS)  
BY: CARMICHAEL, G.N. SHANNON, J.A. CSASZAR, F.C.  
CUMMINGS, H.D.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479559)
- 314 POLYSULFONE FOR WIRE AND CABLE (EXTRUSION, PLASTICS)  
BY: HELBLING, J.J.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479565)
- 315 RECENT DEVELOPMENTS IN ETHYLENE-PROPYLENE POLYMERS FOR WIRE AND CABLE APPLICATIONS (JACKETS, EXTRUSION)  
BY: SMITH, W.C. NEWMAN, N.F.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479563)
- 316 A NOVEL FORM OF THERMAL BARRIER FOR COMMUNICATION CABLES (JACKETS)  
BY: MILDNER, R.C. WOODLAND, P.C. WALTERS, M.A.  
CLOCK, G.E.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479561)
- 317 KAPTON POLYIMIDE FILM TYPE HF - A THIN, SMALL HIGH TEMPERATURE INSULATION FOR WIRE AND CABLE  
BY: LEWIS, L.L.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479578)
- 318 LIGHTNING PROTECTION OF BURIED CABLE BY SEMI-CONDUCTING JACKETS  
BY: CAMPBELL, H.D.  
FOURTEENTH SYMPOSIUM, 1965 (AD-4795)
- 319 OCEAN WATER SENSING SYSTEM (BOUY, JACKET)  
BY: ZYSK, S. BORG, T.E.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479577)
- 320 PERFORMANCE OF SPACE CRAFT WIRE IN AN OXYGEN ATMOSPHERE (FLAMMABILITY HOOKUP, HIGH TEMPERATURE)  
BY: MATHES, K.N. FRISCO, L.J.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479568)
- 321 EUROPA CABLE (COAXIAL, AIR DIELECTRIC, BALLOON)  
BY: FUCHS, G. VERGES, P.  
FOURTEENTH SYMPOSIUM, 1965 (AD-656113)
- 322 SUPERCONDUCTING HIGH VOLTAGE DELAY LINE (COAXIAL, CRYOGENIC)  
BY: KUETTNER, H. CUMMINGS, A.J.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479570)
- 323 A BASIC CONSTRUCTION FOR FLEXIBLE HIGH TEMPERATURE (1000F) INTERCONNECTING CABLE  
BY: CLEMENTS, E.F. WADDY, G.H.  
FOURTEENTH SYMPOSIUM, 1965 (AD-479573)
- 324 PHASE STABILITY OF TYPICAL NAVY RF COAXIAL CABLES  
BY: RODRIQUEZ, G.

- 325 FOURTEENTH SYMPOSIUM, 1965 (AD-628682)  
 INVESTIGATION OF METHODS TO REDUCE ANIMAL DAMAGE TO WIRE AND CABLE  
 BY: TIGNER, J.R. BOWLES, W.A., JR.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479274)
- 326 METHOD OF JOINTING PLASTICS SHEATHED CABLE WITH ELECTRIC HEATING WIRE  
 BY: ISHIKAWA, H. NAGATA, K.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479575)
- 327 COMPRESSIBLE FLOW IN PRESSURIZED COMMUNICATION CABLES (FLUIDS)  
 BY: ROACH, R.T. HERRING, J.S.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479564)
- 328 CONTROLLING POLYETHYLENE INSULATED WIRE CAPACITANCE (TELEPHONE)  
 BY: HARTMAN, A.E.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479572)
- 329 PROCESSING VARIABLES AND THEIR EFFECT ON THE FINAL PROPERTIES OF POLYETHYLENE CABLE JACKETS (EXTRUSION)  
 BY: SEEKS, R.L. SANDERS C.C.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479562)
- 330 TAILORING HIGH DENSITY POLYETHYLENE FOR HIGH SPEED WIRE COATING  
 BY: SCOTT, J.N. LESLIE, C.F. LEVETT, C.T.  
 HOGAN, J.P.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479567)
- 331 CLAD METALS IN CABLE CONSTRUCTION (CONDUCTORS)  
 BY: PARKER, G.H.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479571)
- 332 PROBLEMS WITH ELECTRICAL CONNECTORS AND INSULATED WIRES IN THE AEROSPACE INDUSTRIES (HARNESSES, WIRE MARKING)  
 BY: SWAN, H.S. DAVIS, J.M.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479566)
- 333 NEW CABLE CONNECTOR DESIGN LOWERS COST OF MILITARY ASSEMBLY PROCESSES (SOLDERING, WELDING, CRIMPING)  
 BY: KELLER, J.D.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479557)
- 334 PROBLEMS AND SOLUTIONS IN THE FABRICATION OF H-FILM (KAPTON) FLEXIBLE CIRCUITS (POLYIMIDE)  
 BY: DAVIS, H.T.  
 FOURTEENTH SYMPOSIUM, 1965 (AD-479560)
- 335 DESIGN OF PLATED COAXIAL CABLE (LEAKAGE, SHIELDING, GROOVED DIELECTRIC, STABILITY)  
 BY: BROWN, W.R.J. KOMACK, R.L.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646529)
- 336 MOISTURE PERMEATION AND ITS EFFECT IN COMMUNICATION CABLE (SHEATH, VAPOR PRESSURE, AIRFLOW)  
 BY: FRIESEN, H.W. WINDELER, A.S.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646528)
- 337 A SILICONE RUBBER SUITABLE FOR COAXIAL CABLE (HIGH TEMPERATURE, FLEXIBILITY)  
 BY: GAPSCHICK, A.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646540)
- 338 HIGH VOLTAGE UNDERWATER CABLE FOR TORPEDO PROPULSION (DRAG FORCES, RELIABILITY)  
 BY: COX, W.R. BLYTHE, J.W.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646532)
- 339 A TANDEM WIRE DRAWING AND INSULATING LINE

- BY: BATENBURY, B. BAUER, C.R.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-546546)
- 340 NEW COATING PROCESS FOR FOAMED POLYETHYLENE INSULATED TELEPHONE CABLE (SOLUTION COATING, LIQUID FOAMING)  
 BY: SUGI, M. KAWOZOE, C. ICHIBA, T.  
 SUZUKI, T. SHINBA, H. IWAKURA, S.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646542)
- 341 THE EVOLUTION OF SHEATH CONSTRUCTIONS FOR COMMUNICATIONS CABLE (BODDED JACKETS, LAMINATES, SPLICING)  
 BY: MILDNER, R.C. ROPP, W.E. SNOW, J.H.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646537)
- 342 APPLICATION OF WELDED THIN METAL IN NEW COMMUNICATION CABLE DESIGN  
 BY: BUNSBY, J.D.A. MARRIN, L.E. LEHNERT, G.  
 MCBRIDE, J.V. STEIN, D.R.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646538)
- 343 THREE TYPES OF CABLE SHEATH PRODUCED BY HIGH FREQUENCY WELDING (BUTT-WELD, LIP-WELD, RESISTANCE-WELD, CORRUGATED-WELD)  
 BY: RUDD, W.C.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646544)
- 344 FLAT CONDUCTOR CABLE MANUFACTURE AND INSTALLATION TECHNIQUES (TERMINATIONS, SHIELDING)  
 BY: ANGELE, W.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646533)
- 345 DESIGN AND MANUFACTURE OF PLASTIC INSULATED ALUMINUM CONDUCTOR TELEPHONE CABLE (SHEATHING, JOINING, DRAWING)  
 BY: HORN, F.W. BLEINBERGER, W.E.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646541)
- 346 NEW DEVELOPMENTS IN CLAD METAL WIRE AND SHIELDING (ALLOY JOINING)  
 BY: FRIEDMAN, H.H. RONAN, J.J.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646525)
- 347 EFFECT OF POST GEOMETRY ON SOLDERLESS WRAPPED TERMINATION PERFORMANCE  
 BY: AJRIANA, M.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646524)
- 348 SIMULATION OF 1 PERCENT MINIMUM CROSSTALK LOSSES AT VOICE FREQUENCY IN A PAIR CABLE BY MEANS OF A LUMPED PARAMETER  
 BY: AVIV, D.G. LANDIS, M.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-634192)
- 349 AUTOMATIC TESTING SYSTEM FOR MULTIPAIR TELEPHONE CABLES  
 BY: RIPATTI, E. HOFHEIMER, H.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646534)
- 350 MEASURING PERFORMANCE OF AN 3-INCH CABLE SHEATHING EXTRUDER (SCREW)  
 BY: BARNETT, R.D. MALLORY, R.D. MARSHALL, D.I.  
 KLEIN, I.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646526)
- 351 EFFECT OF EXTRUDER TEMPERATURE PROFILES ON STRESS CRACK RESISTANCE OF A POLYETHYLENE SHEATHING COMPOUND  
 BY: APEN, J.R. PACOWICZ, H.N.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646527)
- 352 THERMAL STABILITY OF CHEMICALLY CROSSLINKED POLYETHYLENE (DISPERSION)  
 BY: BLUESTEIN, A.C. HENDERSON, J.C.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646549)
- 353 WATER STABILITY OF FILLED ELASTOMERS (BUTYL, RESISTIVITY, POWER LOSS)  
 BY: SHIGA, T. HIRUTANI, M.  
 FIFTEENTH SYMPOSIUM, 1966 (AD-646539)
- 354 DEGREE AND RATE OF CROSSLINKING OF CROSSLINKED POLYETHYLENE (MOLECULAR WEIGHT, DENSITY, SWELLING)

- BY: JKADA, M.  
FIFTEENTH SYMPOSIUM, 1966 (AD-546531)
- 355 LOW MODULUS MATERIALS FOR COAXIAL CABLE (BLENDS, JACKETS, POLYMERS)  
BY: KELL, R.M. BEANETT, B. STICKNEY, P.S.  
FIFTEENTH SYMPOSIUM, 1966 (AD-646530)
- 356 SOLUTION POLYMERIZED BUTADIENE STYRENE RUBBERS FOR WIRE AND CABLE AP  
PLICATIONS  
BY: SVETLIK, J.F. ROSS, E.F. DEARMONT, D.D.  
FIFTEENTH SYMPOSIUM, 1966 (AD-646535)
- 357 REVIEW OF POLYOLEFIN TEST REQUIREMENTS IN WIRE AND CABLE SPECIFICATI  
ON  
BY: MARTINOVICH, R.J. LESLIE, C.F.  
FIFTEENTH SYMPOSIUM, 1966 (AD-646547)
- 358 UNDERWATER DEGRADATION OF POLYETHYLENE FOR WIRE INSULATION (CROSS-LI  
NKING, OXIDATION, PERMEABILITY)  
BY: YOSHIDA, T. HASEBE, M. FUKUDA, T.  
FIFTEENTH SYMPOSIUM, 1966 (AD-646545)
- 359 CABLE INSULATION THERMAL LIFE STUDIES (AGING, WEIGHT LOSS)  
BY: HALPERN, E.H. ORTGIES, H.S.  
FIFTEENTH SYMPOSIUM, 1966 (AD-646548)
- 360 METHOD OF DETERMINING COMPARATIVE SHIELDING EFFECTIVENESS OF CABLES,  
DUCT, AND CONDUIT (LEAKAGE, RADIATION)  
BY: LONG, G.A.  
FIFTEENTH SYMPOSIUM, 1966 (AD-640329)
- 361 PROTECTION OF TELEPHONE CABLES FROM ATTACK BY INSECTS (TERMITE, SOIL  
TREATMENT, DAMAGE)  
BY: PLATAU, G.  
FIFTEENTH SYMPOSIUM, 1966 (AD-646543)
- 362 PROTECTION OF GEOPHYSICAL COMMUNICATION AND POWER TRANSMISSION CABLE  
AGAINST RODENT SPECIES ATTACK BY R-55 R  
BY: STANSBURY, R.E. MAILEN, T.H.  
FIFTEENTH SYMPOSIUM, 1966 (AD-546536)
- 363 TERMINATING WIRE TO MICRO-MINIATURE CONNECTORS (RELIABLE, SOLDER SLE  
EVES, HEAT SHRINKABLE)  
BY: SCARBOROUGH, J.S.  
SIXTEENTH SYMPOSIUM, 1967 (AD-662155)
- 364 DIE CAST AND MECHANICAL THERMAL PULSE TERMINATION TECHNIQUES (SHIELD  
ED CABLES, RIBBON CABLE, INSULATED CABLE)  
BY: CUSHMAN, R.H.  
SIXTEENTH SYMPOSIUM, 1967 (AD-659892)
- 365 INTERCONNECTION OF FLAT CABLE TO WIRE, FLEXIBLE CIRCUITRY PRINTED CI  
RCUIT BOARDS, AND OTHER FLAT CABLES  
BY: GAMMEL, W.A.  
SIXTEENTH SYMPOSIUM, 1967 (AD-660889)
- 366 THE HARNESS SYSTEM APPROACH TO FLAT WIRING (INTERCONNECTIONS, RELIAB  
ILITY, TERMINATION)  
BY: COBBAN, R.F.  
SIXTEENTH SYMPOSIUM, 1967 (AD-660956)
- 367 AN INTEGRATED TERMINATION SYSTEM (COMPONENT TERMINATION, SERVICEABIL  
ITY, RELIABILITY, SIMPLICITY)  
BY: LAWRENCE, R.  
SIXTEENTH SYMPOSIUM, 1967 (AD-659939)
- 368 THERM TIC SEALS IN PLASTIC BODIED CONNECTORS (CERAMIC DIELECTRICS, HI

- GH TEMPERATURE, COPPER-ALLOY CONTACTS)  
 BY: JOHNSON, E.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-659676)
- 369 NEEDED - A STANDARD TEST FOR EVALUATING THE FUNGUS RESISTANCE OF WIRE AND CABLE (SURFACE RESISTANCE)  
 BY: NICODEMUS, P.O.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-660250)
- 370 RODENT REPELLENT CABLE COATING DEVELOPMENT (TELEPHONE CABLE, WF-16, ORGANIC-METALLIC COMPONENTS)  
 BY: TIGNER, J.R. ANTHONY, C.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-660525)
- 371 WIRE COMMUNICATION IN SOUTH VIETNAM (SEA ENVIRONMENT, TROPICAL CLIMATE, TELEPHONE CABLE CONSTRUCTION)  
 BY: SPERGEL, J.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-837406L)
- 372 A NEW STRANDING METHOD FOR MAKING LAY-REVERSED TELEPHONE CABLES (WIRE SPEED, HIGH DENSITY POLYETHYLENE)  
 BY: SUGI, M. KUMAMARU, H. WADA, J.  
 MIZOI, E.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-659545)
- 373 EXTRUSION OF CELLULAR POLYETHYLENE INSULATION (PRE-FOAMING, CAPACITY UNIFORMITY, MELT-TEMPERATURE)  
 BY: LONEY, C.L. DAUES, G.W.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-660094)
- 374 AN OPERATING EVALUATION OF VARICUS 8-IN EXTRUDER SCREWS USING AN INFRARED THERMOMETER (CAPACITY, UNIFORMITY)  
 BY: BECK, W.B. DEBOD, R.V.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-661401)
- 375 A NEW METHOD FOR MAKING IMPROVED COMMUNICATIONS CABLE (ADHESIVE COPOLYMERS, AQUEOUS SYSTEM)  
 BY: FISCHER, E.J. WHEELWRIGHT, W.L.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-661189)
- 376 TENSILE PROPERTIES OF PLASTICIZED PVC AS A FUNCTION OF PROCESSING HIGH TEMPERATURE (105 C), MILLING, MANUFACTURING  
 BY: BIAS, C.D. COAKER, A.W.M. HINCHEN, J.D.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-661402)
- 377 PRINTING WIRE INSULATED WITH "KAPTON" POLYIMIDE FILM (HOT STAMP PRINTING)  
 BY: DAVEY, H.R. GUPERMAN, C.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-661062)
- 378 A FLEXIBLE, HIGH-STRENGTH TELEPHONE CABLE FOR MILITARY PURPOSES (MULTI-CHANNEL, BEND-RESISTANT, WEIGHT)  
 BY: VAN GOUDDEMER, H.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-660077)
- 379 FLAME-RETARDANT, CROSS-LINKED POLYETHYLENE FOR WIRE AND CABLE  
 BY: YOSHIDA, T. NAKAYAMA, R. KUHARA, T.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-659412)
- 380 SLEEVE JOINTS FOR POLYETHYLENE SHEATHED COMMUNICATIONS CABLES (CONDUIT, BURIED CABLE, AERIAL CABLE)  
 BY: MARTIN, H.E.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-659677)
- 381 THE EVOLUTION OF AN IMPROVED SHEATH DESIGN FOR TERMINATING CABLE (ALUMINUM FATIGUE, FLEXURE, PVC JACKET)  
 BY: PURKERT, W. DAMBIAK, M.R.  
 SIXTEENTH SYMPOSIUM, 1967 (AD-659544)
- 382 ALL PLASTIC TELEPHONE DRIP WIRE, (MECHANICAL STRENGTH, PVC COPPER/STEEL CONDUCTOR, WEATHERABILITY)  
 BY: PUSEY, B.P.

- 383 SIXTEENTH SYMPOSIUM, 1967 (AD-659678)  
A NEW CABLE WRAP WITH IMPROVED THERMAL BARRIER PROPERTIES (CORE WRAP  
S, POLYPROPYLENE FILM, POLYESTER  
BY: GRAIL, T.J. CASEY, J.M.  
SIXTEENTH SYMPOSIUM, 1967 (AD-660526)
- 384 SIMPLIFIED DETERMINATION OF LOW FREQUENCY MUTUAL CAPACITANCE OF LONG  
LENGTH TELEPHONE CABLE (ELECTRI  
BY: FRISCH, R.A. KOLODNY, I. OLSZEWSKI, J.A.  
SIXTEENTH SYMPOSIUM, 1967 (AD-660891)
- 385 COMPARISON OF IMPULSE AND 3 KILCHERTZ SINE WAVE SPARK TESTING (DIELE  
CTRIC TESTS, VOLTAGE STRESS, I  
BY: CLINTON, H.H. STEWART, T.W.  
SIXTEENTH SYMPOSIUM, 1967 (AD-660225)
- 386 DESIGN AND EVALUATION OF TACTICAL CABLES (RELIABILITY, CABLE MATERIA  
LS, REDUCED BULK, TEST METHODS  
BY: GODWIN, E.F. RIGLING, W.S.  
SIXTEENTH SYMPOSIUM, 1967 (AD-661646)
- 387 STRESS DURING INHAUL AND OPTIMUM PAYOUT RATES FOR OCEANOGRAPHIC WIRE  
USED ON COAST GUARD STATION VESSEL  
BY: MC GARY, J.W.  
SIXTEENTH SYMPOSIUM, 1967 (AD-659506)
- 388 ANALYSIS OF STRUCTURAL RETURN LOSS IN CATV COAXIAL CABLE (DISCONTINU  
ITY, REFLECTION, MEASURING  
BY: LUBARS, H. OLSZEWSKI, J.A.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678552)
- 389 NEW COAXIAL CABLE AND MANUFACTURING METHOD (POLYETHYLENE KNOBS, POLY  
ETHYLENE LAYER, IMPEDANCE, ELECT  
BY: NAGD, A. GOTD, T.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-676236)
- 390 PCM CABLE ASSEMBLY CV-11230(1)/G FOR THE ARMY AREA COMMUNICATION SYST  
EM (SHIELDING, HIGH STRENGTH, LO  
BY: POMERANTZ, M.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-675412)
- 391 COMPREHENSIVE TESTING OF GROUND SUPPORT TACTICAL CABLES (BEND, ELECT  
RICAL, MECHANICAL, ABRASION, I  
BY: GEORGE, E.D.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678237)
- 392 LIGHTNING SHIELDING OF PLASTIC TELEPHONE CABLES (STEEL, SURGE CHARAC  
TERISTICS, BURIED TELEPHONE  
BY: FISHER, T.L. ROBINSON, E.A. BISHOP, W.F.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-675501)
- 393 CORROSION EVALUATION OF SHIELDING MATERIALS FOR DIRECT BURIAL TELEPH  
ONE CABLES (PLASTIC COATED METAL  
BY: LUHSL, G.A. ROMANOFF, M.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-677521)
- 394 A STUDY OF THE EFFECT OF TIME, TEMPERATURES, AND MOISTURE ON BONDED  
INTERFACES IN BONDED JACKET CABLE CO  
BY: ROPP, H.E. MCGAUGH, K.C. FRANK, H.G.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678825)
- 395 CREEP BEHAVIOR OF CROSSLINKED POLYETHYLENE (GEL CONTENT, ANTIOXIDANT  
EFFECTIVENESS, SWELLING R  
BY: KUCKTU, G.W. LORANG, G.E. NORTH, J.A.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-677822)

- 396 SILICONE RUBBER AND SERVICE RELIABILITY (WEATHERING, ELECTRIC STRENGTH, CORONA, FUNGUS RESISTANCE)  
BY: FILBERT, W.H. NOBLE, M.G.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678492)
- 397 PROPYLENE POLYMERS FOR INSULATION OF COMMUNICATION CABLES (BLOCK COPOLYMER, IMPACT-MODIFIED POLYPROPYLENE)  
BY: HARRIS, B.V.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678693)
- 398 IMPROVED PROPYLENE COPOLYMER DIELECTRICS FOR COMMUNICATIONS CABLE (POLYPROPYLENE, EXTRUSION, TELETYPE)  
BY: WALSH, V.E.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678550)
- 399 POLYPROPYLENE INSULATED TELEPHONE CABLES (COMMUNICATIONS CABLE, MECHANICAL PROPERTIES, ELECTRIC CHARACTERISTICS)  
BY: SOUNDARARAJAN, N.R.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-680074)
- 400 NEW EXTRUSION TECHNIQUE FOR FOAMED HIGH DENSITY POLYETHYLENE INSULATION (FINE GAUGE CONDUCTORS)  
BY: KAWAZOE, C. ICHIBA, T. SHIMBA, H.  
KADDOYA, K.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-676606)
- 401 SOLUBLE REPELLANT COMPOUNDS (R-55, GEOPHYSICAL, COMMUNICATION, POLYETHYLENE, POLYURETHANE, JACKETING)  
BY: CRAIG, R.F. MAILEN, T.H. STANSBURY, R.E.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-677984)
- 402 IMPROVED COAXIAL AND MULTICONDUCTOR CABLE MATERIALS (POLYMERS, INSULATION, JACKETING, TEMPERATURE RESISTANCE)  
BY: KELL, R.M. BENNETT, B. STICKNEY, P.B.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-677166)
- 403 STRAIGHT CHAIN PLASTICIZERS IN ELECTRICAL APPLICATIONS (PVC, VOLUME RESISTIVITY, DI-ISODECYCLOPHTHALIC ACID)  
BY: FREITEL, R.C. HEWALL, R.W. ARMOND, C.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-677596)
- 404 MULTI-PURPOSE PIC TELEPHONE CABLE SPLICING KITS (SOUTHEAST ASIA, RELIABLE SPLICING, SCOTCHCAST MATERIALS)  
BY: SCHWILKE, T.F.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678549)
- 405 YIELD STRESS-CONTROLLED DIFFUSION BONDING OF CABLE WIRES TO CONNECTORS (JOINING TECHNIQUE, SOLDER)  
BY: BHEE, S.K. SPURGEON, W.N.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-677570)
- 406 THE EFFECT OF WIRE PLATING ON THE RELIABILITY OF CRIMPED CONTACTS (CONTACT RESISTANCE, PLATED WIRE, TEMPERATURE)  
BY: CHANDRAN, R.R.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-677900)
- 407 POLYETHYLENE BONDING TO METAL FOR CABLE PENETRATION OF PRESSURE HULLS AND COMMUNICATIONS APPLICATIONS  
BY: RYATT, W.W. LENKEY, J.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-676608)
- 408 MINIATURE LIGHTWEIGHT TELECOMMUNICATION COMPONENTS (CONNECTORS, FLEXIBLE TELEPHONE, IMPACT, STRAIN)  
BY: HODORST, W. SEEHAUSEN, H.H.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678692)
- 409 SUBMINIATURE ADDED FIBRILLATED CORDS (CADMIUM-COPPER, SHIELDING, TINS ON WIRE, PROPYLENE COPOLYMER, HEAT RESISTANCE)  
BY: TOUCH, W.H. LICHTENSTEIN, D. WOLFF, J.C.  
DUDLEY, R.H.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678824)

- 410 MULTIPAIR CABLES FOR BROAD-BAND TRANSMISSION (COUPLING LOSS, BALANCE  
D CABLE, CROSSTALK COUPLING)  
BY: KAIDEN, H. INAO, S.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-676589)
- 411 THE DEVELOPMENT OF FULLY FILLED CABLES FOR THE TELEPHONE DISTRIBUTIO  
N NETWORK (PETROLEUM JELLY  
BY: DEAN, N.S.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-678479)
- 412 MODERN PLASTIC CABLE CONSTRUCTIONS WITH MOISTURE BARRIER (FLEXIBILIT  
Y, POLYURETHANE, MUTUAL-C  
BY: FALKE, H.  
SEVENTEENTH SYMPOSIUM, 1968 (AD-676497)
- 413 WATERPROOF PLASTIC INSULATED MULTIPAIR TELEPHONE CABLE (RURAL, SUBSC  
RIBER, SHEATH DAMAGE, TRANSMISSION  
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- 451 SELF RETURN NEAR-END NEAR-END CROSSTALK OF MULTI-PAIR BALANCED TYPE  
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BY: HOSONO, T. KAIDEN, H. INAO, S.  
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- 452 A LOW CAPACITANCE CABLE FOR THE T2 DIGITAL CARRIER SYSTEM (ATTENUATI  
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- 453 MULTIPAIR CABLE SHIELDING FOR PCM TRANSMISSION (CROSSTALK, NEAR-END  
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- 454 DESIGN AND APPLICATIONS OF COAXIAL CABLE CARRIER SYSTEMS (TELEPHONE,  
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- 455 LEAKY COAXIAL CABLE AT VHF BAND AND ITS APPLICATION TO VEHICULAR COM  
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BY: YOSHIYASU, T. HATTA, T. MIKOSHIBA, K.  
OKADA, S. HANAKA, T.  
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- 461 A METHOD FOR MANUFACTURING POLYOLEFIN INSULATED COMMUNICATION CABLE  
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BY: ASAI, A. UTSUMI, A. JITSUKAWA, M.  
FUJIWARA, Y.  
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- 462 MANUFACTURING WATERPROOF TELEPHONE CABLE (FLOODING TECHNIQUE, FILLIN  
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- 467 A FOAMING PROCESS FOR WIRE INSULATION (CELLULAR, POLYETHYLENE, HIGH SPEED EXTRUSION, PROPANE-POLYETH  
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- 468 DIGITAL SPEEDS VERSUS THE FLAT CABLE TRANSMISSION LINE (COAXIAL, TERMINATION TECHNIQUES, PULSE MEASURE  
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- 469 CHARACTERISTIC IMPEDANCE OF FLAT MULTI-CONDUCTOR CABLES (ROUND CONDUCTORS, GROUND-SIGNAL-GROUND)  
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- 471 FLAT CONDUCTOR CABLE APPLICATION FOR AIRPLANE POWER FEEDERS (TERMINATION CONCEPTS, INTERCONNECTION  
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- 472 DESIGN AND FABRICATION TECHNIQUES FOR FLAT CONDUCTOR CABLE HARNESS (SIGNAL WIRING, RELIABILITY  
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- 473 THE UNIT-FIELD FLAT CABLE: A NEW MULTISIGNAL TRANSMISSION LINE  
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- 474 AN ADVANCED MULTI-UNIT COAXIAL CABLE FOR TOLL PCM SYSTEMS (CORRUGATED, BUTT-DEAM)  
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- 477 MULTI-LAYER CABLE OF NON-LAYER DESIGN FOR LOW CAPACITANCE UNBALANCE TELECOMMUNICATION NETWORKS  
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- 478 A LOW CAPACITANCE POLYIMIDE INSULATED JUNCTION CABLE FOR TELECOMMUNICATION NETWORKS (UNBALANCE)

- BY: OGAWA, K.                      TANAKA, S.                      TSUJIKAWA, A.  
   ISHIHARA, H.  
 479 TWENTIETH SYMPOSIUM, 1971 (AD-733999)  
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 481 TWENTIETH SYMPOSIUM, 1971 (AD-733999)  
 A NEW FLAME RESISTANT CHEMICALLY CROSS-LINKED PVC INSULATION - FLAME NCL (R) XL (THERMOSETTING, OIL-RE  
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 482 TWENTIETH SYMPOSIUM, 1971 (AD-733999)  
 ADVANCES IN AUTOMATIC COMPUTER CONTROLLED MEASUREMENTS OF CABLE PARAMETERS  
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 SZ TWISTING AND STRANDING OF COMMUNICATIONS CABLES USING ROTATING AC CUMULATORS WITH PERIOD  
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 PURE ALUMINUM CONDUCTORS IN FULLY FILLED CELLULAR POLYETHYLENE INSULATED TELEPHONE  
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 HIGH FREQUENCY POWER BREAKDOWN OF COAXIAL CABLES (SILICONE, POLYTETRAFLUOROETHYLENE)  
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 492 TWENTIETH SYMPOSIUM, 1971 (AD-733999)  
 VACUUM-PRESSURE IMPREGNATION OF WATERPROOF CABLE AND ASSOCIATED IN-LINE COMPOUND MIXING  
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- 493 MANUFACTURING UM AND ASP SHEATHS FOR GOPHER AND MECHANICAL PROTECTIO  
N IN TELEPHONE CABLE  
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- 494 DEVELOPMENT AND PRACTICAL APPLICATION OF 375 TYPE 18 CORE COAXIAL CA  
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- 495 PREFABRICATED PRESSURE JAM FOR TELEPHONE CABLE (GAS TIGHTNESS, INSTA  
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- 496 BROADBAND LEAKY COAXIAL CABLE WITH SMALL SIZE COAXIAL CABLES IN ITS  
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BY: YAKU, T. KISHIMOTO, T. MIKOSHIBA, K.  
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- 497 THERMAL AGING OF TIN COATED COPPER CONDUCTORS (DIFFUSION, AEROSPACE,  
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- 498 APPLICATION TECHNIQUES AND ACCESSORIES FOR FILLED COMMUNICATIONS CAB  
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- 499 AN ALL-ALUMINUM-CONDUCTORED TELEPHONE EXCHANGE (SPLICING, TERMINATI  
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- 501 LONG TERM STABILITY OF POLYETHYLENE INSULATED FULLY FILLED CABLES (T  
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- 502 LIGHTING INDUCED CURRENT SURGES ON A BURIED MULTI-COAXIAL CABLE SYST  
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- 503 COMPUTER AIDED DESIGN OF BRAID PARAMETERS FOR COAXIAL CABLE  
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- 504 FLAT CABLE CROSSTALK AT AUDIO AND VIDEO FREQUENCIES  
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- 505 EXPLANATION FOR THE DUAL DIELECTRIC PHENOMENON IN DIFFERENTIAL CROSS  
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AL CABLE

- BY: DANIELS, A.I.  
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- 507 LIGHTNING PROTECTION OF BURIED COAXIAL CABLES  
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- 508 EMI/RFI SHIELDING OF CONNECTOR TO CABLE TERMINATIONS  
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- 509 MEASUREMENT OF THE DISSIPATION FACTOR OF POLYETHYLENE AT HIGH FREQUENCIES  
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- 510 STABILIZATION PROBLEMS WITH LOW DENSITY POLYETHYLENE INSULATIONS  
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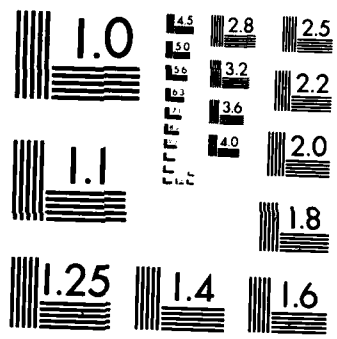
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NEW APPROACHES TO LOW LOSS DEVELOPMENTS IN WIRE AND CABLE COMMUNICATION COMPONENTS (CONNECTORS)	WEIGHT REDUCTION	CABLES (MAN-MADE) LAND CABLES, LIGHTWEIGHT TYPES IN THE FABRICATION OF PPTM (PARTUM) AT CABLES FOR LIGHTWEIGHT INTERCONNECTIONS (ANGLED HOOKUP WIRE) TERMINATION CONDUCTORS TERMINATING CABLE (ALUMINUM FATIGUE) MANUFACTURING WATERPROOF TELEPHONE CABLE	THE CHARACTERISTICS OF NYLAR POLYIMIDE/EPDM COMPOUNDS SHEATHS CAPACITANCE UNIFORMITY WITH TEMPERATURE COMPRESSION	APPLICATIONS OF PVC WIRE INSULATION BY NEW APPROACHES TO	FLOW IN PRESSURIZED COMMUNICATION CABLES (AL FOR WIRE AND CABLE USE) PERFLUOROPOLYMER (ELECTRODEPOSITION) CONDUCTORS (Y, ZKONA, FIBERS, C.T. THROUGH) NEW EXTRUSION) KLEVE SOLU, A NEW NO CONNECTOR CHARACTERISTICS (POLYETHYLENE) POLYPROPYLENE RESIN FOR WIRE INSULATION THIN-WALL TEFLON INSULATED WIRE AND CABLES CABLE FOR USE AT HIGH TEMPERATURES (TELEPHONE AIRCRAFT WIRES) (CONSTRUCTION) SOLUTIONS KLEVE INSULATED WIRE TELE INSULATION SYSTEMS (KAPTON, POLYIMIDE) REDUPLEX, WET SURVIVABLE, TEFLON, PTFE RESISTANCE, WEAR RESISTANCE) PROPERTIES OF COLES	STABILITY POLYURETHANE, WINDUP CAPACITY, WINDUP SYSTEMS POLYETHYLENE, POLYPROPYLENE, POLYBUTYLENE WAS INJECTION, POLYETHYLENE MULTIPAIRS) HEIGHT MINIATURE COAXIAL CABLES (POLYETHYLENE FILLS) IN TELEPHONE CABLES (POLYETHYLENE) LOSS COAXIAL CABLES FOR HIGH WAVE SERVICES GAS INJECTION EXTRUSION PROCESS FOR A FOAMED PLAS ALANCE MANUFACTURING INSTALLATION (CONDUCTORS) NEW EXTRUSION TECHNOLOGY (WIRE SPEED) HIGH DENSITY POLYETHYLENE LIQUID FOAMING)	NEW APPROACHES TO LOW LOSS FLEXIBLE COAXIAL CABLE DESIGNS (AIR DIELECTRIC) PERIODE INSULATED LEAD WIRE FOR USE AT 700-2000°F (HIGH TEMPERAT FLEXIBLE TELEPHONE IMPACT STRAIN RESISTANT, HEMAPHRODITE) FLEXIBLE HIGH-STRENGTH TELEPHONE CABLE FOR MILITARY PURPOSES CONSTRUCTION DETAILS AND PROBLEMS AND SOLUTIONS FL THE FATIGUE LIFE OF STP THE EVOLUTION FLOORING CORE, M FLOOR CABLE FLOORING AS AN INSULATING MATERIAL (RADIATION) MONOPOLYMER) FLOW CHARACTERISTICS OF WATERPROOF PETROLATUM-BASED CABLE FILLER FLOW SURGING (SCREW) EXTRUSION OF CELLULAR POLYETHYLENE FLOW IN PRESSURIZED COMMUNICATION CABLES (FLUOS) FLOIDIZED BED METHODS FLOID BLOCKING (FULLY-FILLING, MULTI-PAIR, TELECOMMUNICA COMPRESSIBLE FLOID) FLOORCARBON RESIN-A NEW MELT EXTRUSION, HIGH TEMPERATURE WATER FLOORCARBON DIELECTRIC, DIMP-COATING, TAPET-WRAPPING) AN FLOORCARBON INSULATION (MOODING) (TEFLON, PLASTIC FLOW, ABRASIO FLOORCARBON) SURMIMATED COAXIAL CABLE R.F. POWER RATINGS A FLOORCARBON) HOOK-UP, TAPE, SHOCK, MARKINGS FLOORCARBON) AMPLIFIER, FLOW, TERMINATIONS FLOORCARBON) ASBESTOS, FLAME, COATINGS FLOORCARBON) HOOK-UP) FLOORCARBONS, POLYOLEFINS, POLYIMIDE, FLUORIDE, AIRCRAFT) FLOORCARBONS, BEMERITINE RATING AND FUNCTIONAL CHARACTERIZATION FLOORCARBONS, A VERSATILE NEW INSULATION FOR WIRE AND CABLE POLYETHYLENE INSULATED WIRE, CRYSTALLINITY DEFORMATION, CHEMICA PLAS SKIN, A COMPOSITE EXPANDED INSULATION FOR USE IN TELEPHONE C (PLAS SKIN) MODERN PLASTIC CABLE CONSTRUCTIONS CO PLAS POLYETHYLENE INSULATED COAXIAL CABLE FOR DIRECT BURIAL ON CO (PLAS) AN ANALYSIS OF COILING PROBLEMS IN COMMUNICATIONS C (PLAS) A NEW PROCESS FOR MANUFACTURE OF TELEPHONE COE IRRADIATED LIGHT COMPATIBILITY OF POLYOL (POLYETHYLENE) POLYPROPYLENE) POLYETHYLENE) POLYETHYLENE) SUPPLYING A FIXED QUANTITY OF GAS FLOAMED POLYETHYLENE INSULATION BY USING LOWHYDROCARBON AS BLOWING FLOAMED POLYETHYLENE INSULATED JUNCTION CABLE FOR (HIGH DENSITY) POLYETHYLENE INSULATION (FINE GAUGE C (POLYETHYLENE) A NEW STRANING METHOD FOR MAKING (POLYETHYLENE) INSULATED TELEPHONE CABLE (SOLUTION COATING) POLYETHYLENE) TELEPHONES FOR MICROWAVE USE (COAXIAL) POLYETHYLENE COAXIAL CABLES (POLYETHYLENE) WEATHER) POLYETHYLENE INSULATION AND ITS APPLICATION TO JUNCTION CABLE MAKING PROCESS (TELEPHONE, POLYETHYLENE) A METHOD FOR MANUFACTURING PROCESS FOR WIRE INSULATION (CELLULAR) POLYETHYLENE) WATERPROOFING NEW APPROACHES TO WIRE AND CABLE COMMUNICATIONS MINIATURIZATION) TRANSMISSI (POLYETHYLENE) TRANSMISSION CHARACTERISTICS (COAXIAL OPEN WIRE) TRANSMISSION IMPACT LOW TEMPERATURES	257 209 408 378 198 334 312 30 361 462 554 280 602 173 327 244 416 327 441 474 202 112 150 109 140 160 139 45 528 457 9 533 412 249 465 429 231 86 138 501 534 678 400 372 340 374 117 578 461 467 416 208 48 150 574 612 488 411 446 416 426 7 196 149 55 480 491 491 629 241 495 195 198 471 342 639 492 493 58 19 433 479 135 191 110 288 227 659 22 285 455 14 134 172 252 11 447 445 186 448 472 332 470 406 487 481
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EXTRUDER TEMPERATURE, DIE DESIGN, MOLDING TEMPERATURE (100 C) WILLING, WELDING TEMPERATURE (100 C)	HEAT CONTROL, HEAT SHRINKABLE, HEAT AGING, HEAT SHRINKABLE SILICON RUMBER ON PARALS AND CABLE ASSEMBLIES, HEAT TRANSFER, HEAT AGING STUDIES OF CHEMICALLY CROSSLINKED POLYETHYLENE (DENS HEAT STABILIZED, FLAME-RETARDED, CROSSLINKED POLYOLEFINES FOR ELE HEAT RESISTANT INSULATIONS AND JACKETS (SBR, BUTYL, NEOPRENE) HEAT-SHRINKABLE, THE IRRADIATION INDUCED CROSSLINKING OF POLYETHYLENE	PROCESSING CABLE JACKETS, TERMINATING WIRE TO MICRO-MINIATURE CONNE TENSILE PROPERTIES OF PLASTICIZED PVC A MATHEMATICAL COM POLYETHYLENE (DENS HEAT STABILIZED, FLAME-RETARDED, CROSSLINKED POLYOLEFINES FOR ELE HEAT RESISTANT INSULATIONS AND JACKETS (SBR, BUTYL, NEOPRENE) ETHYLENE-PROPYLENE TERPOLYMER IN WIRE	424 363 376 298 294 195 175 127 204 440
INSULATION LAYERS (WEEK-UP) AN EVALUATION OF COMPOUNDING FOR DIATION: POLYETHYLENE TUBING, CROSS-LINKED, EXIBLE JACKETS, THERMOSETTING INSULATIONS, POLYPROPYLENE CABLE WRAPS (FILM) ABRASION, INTING PLASTICS SHEATHED CABLE WITH ELECTRIC DING, TINSEL WIRE, PROPYLENE COPOLYMER, TRICAL AND MECHANICAL CHARACTERISTICS OF THE ANICAL CHARACTERIZATION OF CABLES CONTAINING LEA TELEPHONE IMPACT, STRAIN RESISTANT LOY CONTACTS)	HEATING WIRE, HELICAL CROD, HELICAL MEMBRANE CABLE (COAXIAL), AIR DIELECTRIC, HELICALLY WRAPPED REINFORCING ELEMENTS, HELIOPHONIC SEALS IN PLASTIC AND PAPER CONNECTORS (CERAMIC DIELECTR WIRING COVERINGS FOR WIRE AND CABLE (POLYETHYLENE STREAS CRACKI HIGH DENSITY POLYETHYLENE INSULATED WIRE FOR FILLED TELEPHONE CABL HIGH SPEEDS, HIGH SPEED WIRE COATING, HIGH DENSITY POLYETHYLENE INSULATION FOR COMMUNICATIONS WIRE, HIGH DENSITY POLYETHYLENE CABLES, HIGH STRENGTH, CORROSION RESISTANT CLAD METAL SHIELDING FOR TELEP HIGH TEMPERATURE APPLICATION, HIGH ENERGY CONDUCTOR SPLICING IN CABLE MANUFACTURE, HIGH FREQUENCY POWER APPROXIMATION OF COAXIAL CABLES, HIGH SPEED LOW TRANSMISSION (SHIELD, REF INSULATION, HIGH HIGH INDUCTANCE), NEW TYPE PAIRED CABLE FOR HIGH SPEED PCM T HIGH SPEED TRANSMISSION, HIGH SPEED EXTRUSION, PROPAN-POLYETHYLENE MIXTURE, HIGH TEMPERATURE AGING, PLAT, SILVER, NICKEL, TIN, FLEY LI HIGH TEMPERATURE AGING, PLAT, SILVER, NICKEL, TIN, FLEY LI HIGH STRENGTH, LOW WEIGHT, MULTIPLEX, BUNGE, HIGH DENSITY POLYETHYLENE INSULATION (FINE GAUGE PRODUCTOR HIGH TEMPERATURE (100 C) WILLING, WELDING, HEAT AGING, A NEW HIGH DENSITY POLYETHYLENE FOAMER INSULATION, HIGH TEMPERATURE COPPOLYMER CONTACTS, HIGH FREQUENCY WELDING, BUTTWELD, LIPWELD, RESISTANCE WELD, CO HIGH VOLTAGE UNDERWATER CABLE FOR TORPEDO PRODUCTION (DAB FORCE HIGH TEMPERATURE FLEX), PERFORMANCE OF SPACE CRAFT WIRE IN SUPERCONDUCTING TAILORING HIGH VOLTAGE DELAY LINE (COAXIAL, CRYOGENIC) HIGH DENSITY POLYETHYLENE FOR HIGH SPEED WIRE COATING HIGH TEMPERATURE (1000 F) INTERCONNECTING CABLE HIGH TEMPERATURE INSULATION FOR WIRE AND CABLE HIGH SPEED WIRE COATING HIGH TEMPERATURE RADIATIONS, HIGH TEMPERATURE, HIGH POWER, RADIO FREQUENCY TRANSMISSION LINES FOR 350 AND 425 C, HIGH PERFORMANCE, RUGGED SILICONE CABLE DESIGN FOR MISSILE APPLIC HIGH STRENGTH COPPERWELD WIRE (SA 2S, BREAKING LOADS), HIGH TEMPERATURE HIGH POWER, RADIO FREQUENCY TRANSMISSION LINES HIGH DENSITY POLYETHYLENE FOR QUALITY AND SAVINGS, HIGH SPEED BAND MARKING OF INSULATED CONDUCTORS (COLOR CODING) HIGH TEMPERATURE VINYL WIRE INSULATION (PLASTICIZER, STABILIZER) HIGH DENSITY POLYETHYLENE (STRESS-CRACKING, EXTRUSION, CROSS-LINKING) HIGH TEMPERATURE PROSPRO, HIGH-TEMP, HIGH VOLTAGE, MOISTURE, SOME RECENT STUDIE HIGH DENSITY POLYETHYLENE INSULATION IN COMMUNICATION CABLES (ST HIGH DENSITY POLYETHYLENE AND POLYPROPYLENE (ELECTRICAL, PHYSICA HIGH TEMPERATURE VINYL INSULATION (THER WIRE ELECTRICAL HIGH TEMPERATURE TEFLON, FLUOROCARBON, ADHESIVE, FLEX, TERMINAT HIGH TEMPERATURE RADIATION, TEFLON, INORGANIC INSULATION, HIGH TEMPERATURE SERVICE (THERMAL, INORGANIC INSULATION) HIGH PRESSURE POLYETHYLENE FOR HIGH VOLTAGE APPLICATIONS IN INSUL HIGH VOLTAGE APPLICATIONS IN INSULATION WIRE, THE INTERRELATION HIGH TEMPERATURE AIRCRAFT WIRE (CONSTRUCTION, SILICON, FLUOROC HIGH DENSITY POLYETHYLENE IN THE CABLE INDUSTRY (PLASTIC) HIGH SPEED WIRE COATING OF PVC INSULATED WIRE (PRINTING, INK) HIGH POWER LOW NOISE PULSE CABLES (COAXIAL BUTYL SILICONE, SE HIGH TEMPERATURE RUBBER INSULATION, HIGH VOLTAGE, HIGH TEMPERATURE RUBBER INSULATION, HIGH TEMPERATURE INORGANIC, HIGH STRENGTH TELEPHONE CABLE FOR MILITARY PURPOSES (MULTI-C HIGH VOLTAGE INSULATION (DIELECTRIC CONSTANT, GRADIENT) HIGH STRENGTH ALLOY CONDUCTORS (DUCTILITY) HIGH POLYMER, THE CHARACTERISTICS OF CUMAR POLYETHYLENE FLD HIGH POLYMER, PROPYLENE-BASE COPOLYMER, WORKING WIRE, MULTICONDUCTOR CABLES IN SATELLITE PVC WIRE INS WOODWORK WIRE, SILVER, NICKEL, TIN, FLEY LIFE, HEAT AGING, WORKING WIRE, PLASTIC, AN EVALUATION OF HEAT STABILIZED, FLAME-R WORKING WIRE, CABLE MARKING, DEVELOPMENT AND WORKING WIRE, RADIATIONS, PAPER SENS, KELCO SMO, A WORKING WIRE, TERMINATIONS, FOLD CIRCLES, FLEIVING, VIBRATIONS, WORKING WIRE, PERFORMANCE OF SPACE CRAFT WORKING WIRE, TEMPERATURE RADIATIONS, WORKING WIRE, TELETYPE WORKING WIRE, PRINTING WIRE INSULATED WY WORKING WIRE, INSULATED WIRE AND PA WORKING WIRE, PLASTIC WIRE AND PLASTIC CABLES WORKING WIRE, INSULATED WIRE, CELLULAR FORM, WORKING WIRE, INSULATED WIRE, INSULATION FOR COMMUNIC WORKING WIRE, INSULATED WIRE, INSULATION FOR COMMUNIC WORKING WIRE, INSULATED WIRE, INSULATION FOR COMMUNIC WORKING WIRE, INSULATED WIRE, INSULATION FOR COMMUNIC WORKING WIRE, INSULATED WIRE, INSULATION FOR COMMUNIC WORKING WIRE, INSULATED WIRE, INSULATION FOR COMMUNIC WORKING WIRE, INSULATED WIRE, INSULATION FOR COMMUNIC	METHOD OF JO SUBMINIATURE AUDIO RETRACT THE ELEC MECH MOBILE LIGHT-TIGHT TELECOMMUNICATIONS CON CERAMIC DIELECTR POLYETHYLENE STREAS CRACKI HIGH DENSITY POLYETHYLENE INSULATED WIRE FOR FILLED 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