

Mine Safety and Health Administration
Approval and Certification Center
Materials and Explosives Testing Branch

List of Accepted Flame Resistant
Solid Products (Interim Criteria) Taken into Mines

| Date of Issue | Company | Product | MSHA Acceptance No. |
|-------------------------------|--|---|--|
| 6/27/77 | Interoll, Corporation Current Address Unavailable | Conveyor Roller Cover | IC-10 |
| 8/1/77 | Goodyear Tire and Rubber Company 1144 East Market Street Akron, Ohio 44316 Partial-Transfer to Longwood Elastomers, Inc. (Transferred to Veyance Technologies, Inc. Goodyear Engineered Products) | Armadillo Chute Armabond Chute Liner Acousta Sheet Style 200 Skirtboard & Beltwiper Chute Line Pulley Lagging LS-566 Abrasion Cover | IC-11/1 IC-11/2 IC-11/3 IC-11/4 IC-11/5 IC-11/6 IC-11/12 |
| 8/2/77 | Acme-Hamilton Out of business | Chute Liner, Belt Skirt | IC-12 |
| 2/10/78 | Gates Rubber Company 1001 South Broadway Denver, CO 80217 | Skirtboard (03968) | IC-4/2 |
| 2/21/78 5/30/78 8/12/78 | Joy Technologies, Inc. 120 Liberty Street, POB 791 Franklin, PA 16323 | Limberroller Conveyor Roller Sideloader Conveyor Track | IC-23 IC-23/1 IC-23/2 |

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| 3/13/78 | Monsanto Textiles Company 600 North Lindberg Boulevard St. Louis, MO 63167 | Bedim (Road Underlay) | IC-24 |
| 3/21/78 | Cooper Tire & Rubber Company Findlay, OH 45840 | Conveyor Roller Covers | IC-26 |
| 3/27/78 | Hewitt-Robbins 40 Fairfield Place West Caldwell, NJ 07006 | Tuffgard-Chuteliners- Conveyor Roller Cover | IC-27 |
| 6/5/78 | Glenaire, Incorporated 1211 Air Way Glendale, CA 91201 | Remote Control Cable | IC-34 |
| 8/31/78 | Empex Industrial Hose Company Current Address Unavailable | T-192 Skirtboard Rubber | IC-28/4 |
| 10/6/78 | Hamill Manufacturing Company 61166 Van Dyke Road Washington, MI 48094 | "Help" Energy Absorbing Bumper System | IC-45 |
| 12/14/78 | Victor Balta Belting 1118 S 25th Street Easton, PA 18042 | Rubber Compound X2409-Chute Liner or Skirtboard Rubber Compound 3070 Chute Liner | IC-52 IC-52/1 |
| 5/30/79 | McCreary Industrial Products Box 769 Indiana, PA 15701 | Compound #9070 Conveyor Roller Cover | IC-5/5 |

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| 6/20/79 | Urethane Products Canada, Limited 3161 Wharton Way N Mississauga, Ontario, Canada | Polyurethane Hose Protector | IC-57 |
| 8/2/79 | North American Roller Company Current Address Unavailable Now DBT America Inc. 2045 West Pike Street Houston, PA 15342 | Marlex HHM TR-418 Roller Cover Type Exalon C Conveyor Roller Cover Material | IC-56 IC-56/2 |
| 11/5/79 | Camlok Division Empire Products Company Current Address Unavailable | Connector | IC-63 IC-63/1 |
| 11/6/79 | B.F. Goodrich Company 1801 S Railroad Street Salisbury, NC 28144 | Compound #60144 Chuteline and Skirtboard | IC-64 |
| 2/4/80 | Marnat Industrial Company Current Address Unavailable | Natprene-G Conveyor Roller Cover-Skirtboard | IC-69 |
| 2/19/80 | Performance Materials, Inc. Out of business | S AM 80 Roller Cover | IC-68 |
| 5/2/80 | Accessible Products Company Current Address Unavailable | Acoustozip 650 Noise Abatement | IC-73 |

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| 5/30/80 | Carolina Rubber Hose Company 1801 S. Railroad and C Ave. Salisbury, NC 28144 | Carothane Conveyor Roller Cover | IC-75 |
| 10/10/86 | Imperial Eastman Div. of Pullman Corp. P.O. Box 847 Manitowoc, WI 54221 Richard Lee Fischer 414-682-0171 | Polyurethane Abrasion Sleeve for Hydraulic Hose | IC-78/2 |
| 5/20/81 | Mantaline Corporation Box M Mantua, OH 44255 | Skirt Board Material | IC-82 |
| 5/21/89 | Foulke Rubber Products, Inc. 600 Linnerud Drive, P.O. Box 238 Sun Prairie, WI 53590 | XP-3063 Conveyor Roller Cover 6106 Conveyor Roller Cover | IC-86 IC-86/1 |
| 6/12/90 | Aerquip Corp. Industrial Div. 1225 West Main St. Van Wert, Ohio 45891 Steve Barber, Tech. Eng. 419-238-1190 | Nylon Abrasion Sleeve for Hydraulic Hose | IC-84/16 |
| 09/06/83 | Poly-Hi Solidur, a Menasha Corp. Name changed to Quadrant EPP USA, Inc. | TIVAR 88 FlamEX UHMW-PE | IC-112/0 IC-112/1 |

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| 1/15/91 06/29/06 04/25/07 07/03/08 | Custom Urethane Elastomers, CUE 11 Leonberg Road Mars, PA 16046 C.U.E of West Virginia P.O. Box 32 Mt. Hope, WV 25880 | CMP #P0650 Chute Liner Skirt Board Pumpkin Orange or Red "Hardliner" Belt Cleaner and Chute Line | IC-143/4 IC-143/5 IC-143/6 IC-143/7 |
| 12/12/88 | Whittaker Corporation Current Address Unavailable | 05779 Conveyor Roll Cover | IC-145/1 |
| 07/15/97 | Rapisarda Industries Strada Padana Superiore 49 200633 Cernusco sul Naviglio, Italy | 242906 Hydraulic Hose Cover | IC-146/10 |
| 6/13/89 | Red Rock Rubber, Inc. 419 South Street Pella, IA 50219 | | IC-147/1 |
| 8/23/89 8/6/91 | Precision Pulley, Inc. P.O. Box 108, 300 SE 14th Street Pella, IA 50219 | | IC-148/1 IC-148/3 |
| 11/15/89 | American Group, Inc P.O. Box 18170 Knoxville, TN 37928 | Jack-Wrap-It Compound RB 306 | IC-149/1 |

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| 5/24/90 | Solidur Plastics Company 200 Industrial Drive Delmont, PA 15626 | Compound 10102R Conveyor Roll Cover | IC-151/1 |
| 9/12/91 | Dayco Products, Inc. 1 Prestige Place P.O. Box 1004 Dayton, Oh 45401-1004 Joseph S. Murken, Director Mining Products 513-226-5895 fax 513-226-4689 | Polyurethane Abrasion Cover for Fire Suppression Hose and Hydraulic Hose | IC-2G-2C/3 |
| 8/28/91 | Stockton Rubber Mfg. Co., Inc. 7367-B E. Mariposa Road Stockton, CA 95215 | SC8010, 5010, 201 and 203 | IC-165/1 |
| 1/30/92 | Tompkins Industries, Inc. 9565 Alden Lenexa, KS 66215 Dan Turbull 913-888-8707 Fax 913-888-5481 | HHPN Sleeve, Style 1236XN | IC-167/1 |
| 10/7/92 | Johnston-Morehouse-Dickey Co. P.O. Box 173 5401 Progress Blvd. Bethel Park, PA 15102 | Abrasion cover for hydraulic hose | IC-170/1 |

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| 02/17/93 | Southern Weaving P.O. Box 487 Greenville, SC 29602 864-240-9300 964-240-9302 FAX Tommy Lee | Compounds 5010 AN 1234RN Abrasions Sleeves | IC-171/1 |
| 3/4/94 | Continental Rubber, Inc. 511-12th Ave, Box 174 Alberta Canada NISKU | CB11 Roll Covers | IC-176/1 through IC- 176/4 |
| 8/7/96 | Arch Environmental Equipment 5929 Benton Road Paducah, Kentucky 42003 | Gordon Saber Belt Cleaner Gordon Twister Conveyer Belt Tensioner #2 Gordon Twister Conveyer Belt Tensioner #3 | IC-185/1 IC-185/2 IC-185/3 |
| 6/4/97 | Nippon Tsusho Co. Ltd. C/o Mitsui Textile Corporation 150 Broadway, 22nd floor New York, NY 10018 | Type H, P, & R Belt Cleaners | IC-184 IC-184/1 IC-184/2 |
| 8/19/97 | Ultra Poly, Inc. 2926 South Steels Street Tacoma, WA 98409 | Conveyor Belt Rollers Belt Scrapers Chute Liners | IC-193 |
| 02/05/98 | A.L. Hyde Company 1 Main Street Grenloch, New Jersey 08032 | Conveyor Roller Covers | IC-196 |

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| 04/14/98 | DSM Engineering Plastic Products, Inc. Name change to Quadrant EPP | Nylatron GSM Conveyor Edge Rollers | IC-197 |
| 04/27/98 | Engineering Products & Services, Inc. | Elastolan Air & Water Hose | IC-198 |
| 05/12/98 | Minet SA | Super-Screw 63, 80 or 125 Belt Splice | IC-200 |
| 03/12/99 | Ramamoorthy Thiruvankadam Narricot Industries, Inc. | Nylon 6 Webbing, Patter #23100, " 100% Textured Nylon Protective Sleeve" as abrasion resistant covering | IC-202 |
| 09/02/99 | WEBTEC, Incorporated | TerraGrid Mine Grid 35x30 | IC-203 |
| 1/20/00 | Snap-Tite Hose, Inc. 217 Titusville Road Union City, PA 16438 (814) 438-7616 (814) 438-8163 (Fax) | Hose Guard #1 (B) Hose Guard #2 (C) Hose Guard #3 (A) Abrasion Sleeve Hose Covers | IC-204 |
| 08/31/00 | Mazzer Industries, Inc | TEXSLEEVE abrasion sleeve | IC-207 IC-207/1 IC-207/2 IC-207/3 IC-207/4 IC-207/5 |

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| 12/22/00 | Federal-Mogul Systems Protection Group, Inc. | Pro-Gard Nylon Sleeve | IC-208/0 |
| 05/09/01 | Tape Craft Corporation | Nylon webbing hose protection sleeve | IC-212/0 |
| 01/31/02 | Tape Craft Corporation | Nylon webbing hose protection sleeve | IC-212/1 |
| 07/29/02 | Federal-Mogul Systems | ProGard hydraulic hose protection sleeve | IC-208/1 |
| 09/06/02 | Sunny-Hose Company | Ironsides 200 Heavyduty Wate Discharge Hose | IC-218/0 |
| 04/11/03 | Ten Cate Nicolon | MineGRID FR Green 15x8 And MineGRID FR Green 15x14 Rib/Roof Material | IC-220/0 |
| 04/15/04 | Tape Craft Corporation | Types 2004-0008 and 2004-0009 Black Nylon Webbing Hydraulic Hose Protection Sleeve Type 2004-0052 Black Nylon Webbing Hydraulic Hose Protection Sleeve | IC-212/2 IC-212/3 |

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| 01/14/05 | Rochling Engineered Plastics | Type Polystone M Natural FLR UHMW Polyethylene Sheeting | IC-228/0 |
| 05/23/05 | F&R Manufacturing | PRO-TEC-TO SLEEVING PRO-TEC-TO WRAP | IC-231/0 IC-231/1 |
| 10/05/05 | KF Molded Products | 90A DUROMETER POLYESTER CAST URETHANE SHEETING | IC-235/0 |
| 10/05/05 | KF Molded Products | 83A DUROMETER POLYESTER CAST URETHANE SHEETING | IC-235/1 |
| 10/05/06 | Synteen Technical Fabrics | Mine Grid 55, Rib/Roof Material | IC-240/0 |
| 04/05/07 | RS Technologies | Type "VRoll Conveyor Roller Cover | IC-244/0 IC-244/1 |
| 06/20/07 | DiMEX LLC | 3v-018-36-105-v-Groove Runner Matting | IC-246/0 |
| 05/30/08 | Inka Oy | "INKA08" Protective Sleeve | IC-248/0 |
| 07/07/08 | LINE-X Franchise Development Corporation | LINE-X XS-253 Chute Liner | IC-249/0 |

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| 09/12/08 | Superior Industries | Moxie Rolls Conveyor Idler Roller | IC-250/0 |