



BMP71

Material information

BMP71 – Material information

Material per application. Page 1/5

Application	Polyester B422	Polyester B423	Polyester B428	Polyester B430	Polyester B459	Polyester B461	Polyester B473
Material nummer:	B422	B423	B428	B430	B459	B461	B473
Appearance:	White, Glossy	White, Glossy	Metallized, Matte	Transp., Glossy	White, Matte	White/Transp.	White, Glossy
Main applikation:	Strong adhesive	Product ID	Product ID	Product ID	Product ID	Self laminating	High temp, ESD
Flat surface	X	X	X	X	X		X
Rough, texturized surface	X						
Wire and cable ID							
Terminal block							
Patch panels							
General identification	X	X	X	X	X		
Resistant to chemicals				X		X	
Resistant to temperatures						X	X
Laboratory applications						X	
Rec. ribbon (black)	M71-R6000	M71-R6000	M71-R4300	M71-R6000	M71-R6000	M71-R6000	M71-R6000

Click on B-number for more information about a material

BMP71 – Material information

Material per application. Page 2/5

Application	Polyester B483	Polyester B486	Polyester B488	Polyester B489	Polyester* B7593	Vinyl B351	Vinyl B352
Material nummer:	B483	B486	B488	B489	B7593	B351	B352
Appearance:	White, Glossy	Met., Matte	White, Matte	White, Matte	Colours, Glossy	White, Matte	Met., Matte
Main applikation:	Strong adhesive	Strong adh.	Chemicals	Rough surfaces	Engraved Plate Replacement	Tamper evident	Tamper evident
Flat surface	X	X	X	X	X	X	X
Rough, texturized surface	X	X	X	X	X		
Wire and cable ID							
Terminal block							
Patch panels							
General identification	X	X	X	X	X	X	X
Resistant to chemicals			X		X		
Resistant to temperatures			X				
Laboratory applications			X				
Rec. ribbon (black)	M71-R6000	M71-R4300	M71-R4300	M71-R6200	M71-R6000	M71-R6000	M71-R6000

Click on B-number for more information about a material

*EPREP: Polyester mounted on foam plate
Replacement for Engraved plates

BMP71 – Material information

Material per application. Page 3/5

Application	Vinyl B427	Vinyl B498	Vinyl B580	Vinyl B7696	Nylon B499	Polyolefin B341	Polyolefin B342
Material nummer:	B427	B498	B580	B7696	B499	B341	B342
Appearance:	Colour/Transp	White, matte	Colours, Glossy	White, Glossy	White, Matte	White, Matte	White, Matte
Main applikation:	Self laminating	Repositional	Indoor/Outdoor	Tag material Durasleeve	Wire ID	Shrink mtrl	Shrink mtrl
Flat surface	X	X	X		X		
Rough, texturized surface			X		X		
Wire and cable ID	X	X		X	X	X	X
Terminal block					X		
Patch panels					X		
General identification		X	X		X		
Resistant to chemicals	X						
Resistant to temperatures					X		X
Laboratory applications					X		
Rec. ribbon (black)	M71-R4300	M71-R6200	M71-R6000	M71-R6000	M71-R4300	M71-R4300	M71-R4300

Click on B-number for more information about a material

BMP71 – Material information

Material per application. Page 4/5

Application Material nummer: Appearance: Main applikation:	Polyethylene B109 White, Matte Tag mtrl	Polyethylene B145 Grey, Matte Tag mtrl	Polyethylene B7599 Yellow, Glossy Tag mtrl	Polyimide B426 Amber, Matte High temp.	Polyimide B457 White, Glossy High temp.	Polyimide B477 White, Glossy High temp /ESD	Polyimide B478 White, Glossy High temp./ESD
Flat surface				X	X	X	X
Rough, texturized surface							
Wire and cable ID	X	X	X				
Terminal block							
Patch panels							
General identification	X	X					
Resistant to chemicals							
Resistant to temperatures				X	X	X	X
Laboratory applications							
Rec. ribbon (black)	M71-R4300	M71-R6000	M71-R6200	M71-R4300	M71-R6000	M71-R6000	M71-R6000

Click on B-number for more information about a material

BMP71 – Material information

Material per application. Page 5/5

Application	Paper B424	Polypropylene B412	Polypropylene B425	Polypropylene B529	Polyolefin B7643	Polyester B582	Polyolefin B584
Material nummer:	B424	B412	B425	B529	B7643	B582	B584
Appearance:	White, Matte	White, Glossy	White, Matte	Yellow, Matte	Yellow, Matte	Glossy	Colours, Glossy
Main applikation:	General ID	No adhesive	Wire-ID	Tag material	Tag material	Photolum.	Reflective
Flat surface	X			X		X	X
Rough, texturized surface							
Wire and cable ID		X	X		X		
Terminal block							
Patch panels							
General identification	X	X		X		X	X
Resistant to chemicals							
Resistant to temperatures							X
Laboratory applications							
Rec. ribbon (black)	M71-R4300	M71-R6200	M71-R4300	M71-R6000	M71-R6000	M71-R6000	M71-R6000

Click on B-number for more information about a material

BMP71 – Material information – Polyester



Available materials



- Polyester B422
 - White, glossy material
 - Very aggressive, permanent adhesive
 - Temperature range from -40°C to +100°C
 - Good resistance to solvents and chemicals
 - For use on all flat surfaces, especially where extra good adhesion is needed (rough, textured...)
 - Not for highly curved surfaces due to rigidity



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B423
 - White, glossy material
 - Permanent acrylic adhesive
 - Temperature range from -40°C to +120°C
 - Good resistance to solvents and chemicals
 - For use on all smooth, flat surfaces
 - Not for highly curved surfaces due to rigidity
 - Halogene free



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B428
 - Metallized, matte material
 - Permanent acrylic adhesive
 - Temperature range from -40°C to +120°C
 - Good resistance to solvents and chemicals
 - For use on all smooth, flat surfaces
 - Not for highly curved surfaces due to rigidity
 - Halogene-free



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B430
 - Transparent, glossy material
 - Permanent acrylic adhesive
 - Temperature range from -70°C to +100°C
 - Good resistance to solvents and chemicals
 - For use on smooth, flat surfaces
 - Not for highly curved surfaces due to rigidity



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B459
 - White, matte material
 - Permanent acrylic adhesive
 - Temperature range from -40°C to +110°C
 - Good resistance to solvents and chemicals
 - For use on smooth, flat surfaces
 - Not for highly curved corners due to rigidity



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials



- Polyester B461 (laboratory applications)
 - White/Transparent, matte, ultra thin mtrl
 - Print on the coloured part, wrap around the cable → the text is overlaminated
 - Permanent acrylic adhesive
 - Temperature range from -196°C to +130°C after overlamination
 - Very good resistance to solvents and chemicals
 - For use on curved surfaces, mainly within the laboratory market
 - Halogen-Free

[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B473
 - White, glossy material
 - Permanent acrylic adhesive
 - Static dissipative adhesive and liner
 - Temperature range from -40°C to +120°C
 - Up to +180°C for shorter period
 - Very good resistance to solvents and chemicals
 - For use on circuit boards and other sensitive components



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B483
 - White, glossy material
 - Permanent, very aggressive, rubber based adhesive
 - Temperature range from -40°C to +120°C
 - Very good resistance to solvents and chemicals
 - For use on all flat surfaces, especially where extra durable adherence is a demand (rough, textured, powder coated...)



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials



- Polyester B486
 - Metallized, matte material
 - Permanent, very aggressive, rubber based adhesive
 - Temperature range from -40°C to +120°C
 - Very good resistance to solvents and chemicals
 - For use on all flat surfaces, especially where extra durable adherence is a demand (rough, textured, powder coated...)

[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B488
 - White, matte material
 - Permanent acrylic adhesive
 - Temperature range from -40°C to +160°C
 - Very good resistance to solvents and chemicals
 - Aggressive adhesive that adheres well to rough surfaces
 - For flat surfaces, for example component and product identification and where high temperature durability is needed



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Available materials

- Polyester B489
 - White, matte material
 - Permanent rubber based adhesive
 - Temperature range from -40°C to +120°C
 - Very good resistance to solvents and chemicals
 - Aggressive adhesive that adheres well to rough surfaces
 - For flat surfaces, for example component and product identification



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester (EPREP)



Available materials

- Polyester/foam plate B7593 (EPREP)
 - Engraved plate replacement solution
 - Glossy polyester material mounted on a compressible foam plate
 - Permanent acrylic adhesive
 - Very good resistance to solvents, chemicals, UV-light and wearing
 - Temperature range from -40°C to +100°C
 - Approved by Norsk Veritas for permanent attachment



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Vinyl



Available materials

- Vinyl B351
 - White, matte material
 - Permanent acrylic adhesive
 - Tamper evident material. Is destroyed when removed from the product onto which it is applied
 - Temperature range from -40°C to +80°C
 - Good resistance to solvents and chemicals
 - För identification where it is important that the label cannot be removed in one piece (for example warranty)



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Vinyl



Available materials

- Vinyl B352
 - Metallized, matte material
 - Permanent acrylic adhesive
 - Tamper evident material. Is destroyed when removed from the product onto which it is applied
 - Temperature range from -40°C to +80°C
 - Good resistance to solvents and chemicals
 - För identification where it is important that the label cannot be removed in one piece (for example warranty)



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Vinyl



Available materials



- Vinyl B427
 - White/transparent or yellow/transparent mtrl
 - Permanent acrylic adhesive
 - Print on the coloured part, wind around the cable → the text is overlaminated
 - Temperature range from -70°C to +70°C after overlamination
 - Very good resistance to water, solvents and chemicals after overlamination
 - For cable and wire identification. Identify also after the the cable has been assembled

[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Vinyl



Available materials

- Vinyl B498
 - Semi-gloss vinyl cloth
 - Removable rubber based adhesive
 - Repositional after removal
 - Temperature range from -40°C to +82°C
 - For temporary product identification where you also might have need for saving or reposition the label after it's been removed. Also for wire ID



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Vinyl



Available materials



- Vinyl B580
 - Highly glossy material available as standard in various colours
 - Permanent acrylic adhesive
 - Vinyl material for indoor and outdoor use
 - Temperature range from -40°C to +82°C
 - Can be applied down to -18°C
 - For safety and informational identification both indoors and outdoors



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Vinyl



Available materials



- Vinyl B7696
 - White, glossy and rigid tag material
 - Used as inserts for the Brady Durasleeve-carriers (bought separately)
 - Temperature range from -40°C to +70°C



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Nylon



Available materials

- Nylon B499
 - White, matte nylon cloth
 - Permanent, acrylic adhesive
 - Temperature range from -70°C to +90°C
 - Used for cable and wire identification and for rough surfaces
 - Halogen-Free
 - Not for applications requiring durability against very harsh solvents and chemicals



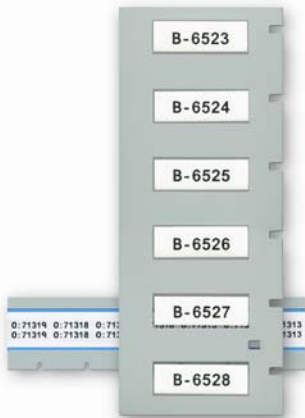
[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyolefin



Available materials

- Polyolefin B341
 - White or yellow, matte material
 - Heat shrinkable
 - Shrink ratio 2:1
 - Insulating
 - Temperature range from -40°C to +130°C
 - For cable and wire identification and for insulation purposes



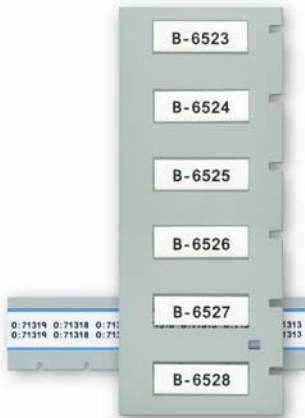
[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyolefin



Available materials

- Polyolefin B342
 - White or yellow, matte material
 - Heat shrinkable
 - Shrink ratio 3:1
 - Insulating
 - Temperature range from -55°C to +135°C
 - For cable and wire identification and for insulation purposes



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyethylene



Available materials

- Polyethylene B109
 - White, matte laminated tag material
 - No adhesive
 - Temperature range from -40°C to +80°C
 - Very good resistance to wearing, solvents, chemicals and low temperatures
 - Zero halogene
 - For cable identification, inventory, and much more



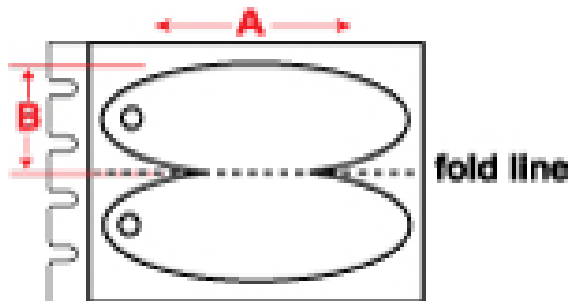
[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyethylene



Available materials

- Polyethylene B145
 - Grey, matte, laminated tag material
 - With adhesive for folding purposes
 - Temperature range from -40°C to +100°C
 - Extremely tear resistant
 - Zero halogen
 - Doubleside printable. After printout, the label is folded and becomes a tag, that is applied with for example a cable tie
 - For cable identification, inventory and much more



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyethylene



Available materials

- Polyethylene B7599
 - Rapido wire identification
 - Yellow, glossy tag material
 - Temperature range from -40°C to +50°C
 - Good resistance to wearing and solvents
 - For cable identification
 - Halogen-Free



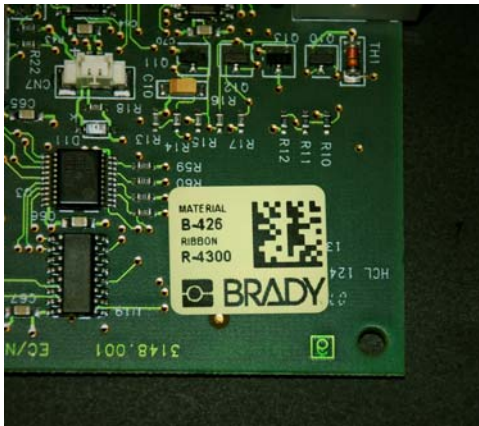
[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyimide



Available materials

- Polyimide B426
 - Amber, matte material
 - Permanent acrylic adhesive
 - Temperature range from -70°C to +300°C
 - Up to +350°C during shorter periods
 - Very good resistance to solvents and chemicals
 - For PCB-identification, both top and bottom side



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyimide



Available materials

- Polyimide B457
 - White, glossy material
 - Permanent acrylic adhesive
 - Temperature range from -70°C to +300°C
 - Up to +350°C during shorter periods
 - Very good resistance to solvents and chemicals
 - For PCB-identification, both top and bottom side



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyimide



Available materials

- Polyimide B477
 - White, glossy material
 - Permanent acrylic adhesive
 - Static dissipative adhesive, liner and package
 - Temperature range from -70°C to +300°C
 - Up to +350°C during shorter periods
 - Very good resistance to solvents and chemicals
 - For PCB-identification, both top and bottom side



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyimide



Available materials

- Polyimide B478
 - White, glossy material
 - Permanent acrylic adhesive
 - Static dissipative adhesive, liner and package
 - Thin material
 - Temperature range from -70°C to +300°C
 - Up to +350°C during shorter periods
 - Very good resistance to solvents and chemicals
 - For PCB-identification, top side/bottom side
 - Halogen-Free



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Paper



Available materials

- Paper B424
 - White, matte material
 - Permanent rubber based adhesive
 - Temperature range from -40°C to +50°C
 - Low price alternative for standard applications



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polypropylene



Available materials

- Polypropylene B412
 - White, matte tag material
 - Temperature range from -40°C to +100°C
 - Very good resistance to solvents and chemicals
 - Desi-strip Inserts
 - Halogen-Free



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polypropylene



Available materials

- Polypropylene B425
 - White, matte material
 - Permanent acrylic adhesive
 - Temperature range from -40°C to +100°C
Up to 130°C for shorter periods
 - Very good resistance to solvents and chemicals
 - P and T shaped constructions
 - For identification of fiber optic cables and other thin cables needing a flag label in order to be able to read the information
 - Halogen-Free



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polypropylene



Tillbaka

Available materials

- Polypropylene B529
 - White, matte material
 - Permanent acrylic adhesive
 - Temperature range from -40°C to +100°C
 - Economical alternative for indoor labelling



[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – PUR



Available materials



Back

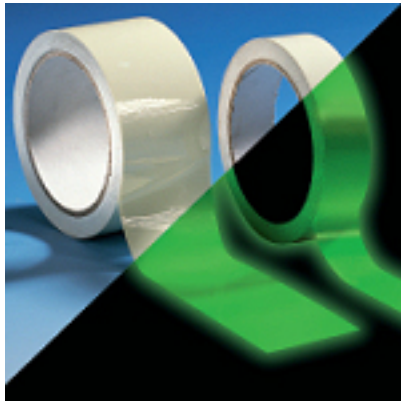
- Thermoplastic Polyether Polyurethane B7643
 - Yellow wire and cable ID tag material
 - To be attached with cable ties
 - Usable from -40°C to +90°C
 - Zero-halogene
 - Flame-retardant
 - Good resistance to solvents and chemicals
 - For identification of cables and cable bundles

[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Polyester



Tillbaka



Available materials

- Polyester B582
 - Phosphorescent, glossy material
 - Photoluminescent
 - Permanent acrylic adhesive
 - Temperature range from -40°C to +80°C
 - Good resistance to solvents and chemicals
 - For indoor identification where there is need to see and identify exits, emergency routes, safety equipment, fire alarms, in darkness

[Internet link to Technical Data Sheet \(click\)](#)

BMP71 – Material information – Vinyl



Tillbaka



Available materials

- Vinyl B584
 - White, yellow or orange, glossy material
 - Permanent acrylic adhesive
 - Reflective
 - Temperature range from -40°C to +82°C
 - For indoor/outdoor use
 - For all identification where reading in low-light conditions is needed

[Internet link to Technical Data Sheet \(click\)](#)