



NABELL USA CORPORATION
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MATERIAL SPECIFICATION

Document No. NQC-BP-22-002
 Issued: 2022/9/15

MATERIAL

NRF-2

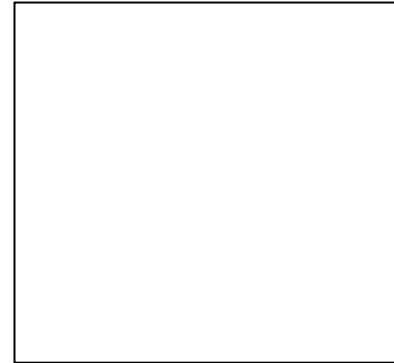
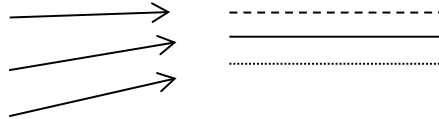
NABELL MATERIAL NUMBER:

Surface: PVC

Base: Polyester Fiber

Rear surface: PVC

< CONSTRUCTION >



ITEM	VALUE	UNIT	REMARKS
COLOR	Black		
WIDTH [mm]	1,370	[mm]	JIS-L-1096
LENGTH [m]	—	[m]	
THICKNESS [mm]	0.70	[mm]	JIS-L-1096
WEIGHT [g/m ²]	790	[g/m ²]	
TEAR STRENGTH (warp / weft)	392/398	[N]	JIS-L-1096
TENSILE STRENGTH (warp/ weft)	1,510/1,360	[N/3cm]	JIS-L-1096
ELONGATION (warp / weft)	17/27	[%]	JIS-L-1096
HEAT RESISTANCE	60	[°C]	
COLD RESISTANCE	0	[°C]	
CHEMICAL RESISTANCE		—	
WEATHER RESISTANCE		—	
FLAME RETARDANCE		—	

Applicable: Robot-Flex Surface treatment

Note: Blasting resistance

***These Data are provided as general information only. They are approximate values only.
 The information under Notes has been gathered from experience and then averaged.*



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Special Notes (Physical, Chemical, and Mechanical Properties, etc.)

ITEM	VALUE	UNIT	REMARKS
SEAM STRENGTH	854	[N]	JIS-L-1093
RESISTANCE TO PUNCTURE	53	[N]	JIS-T-8051

Remarks:
 ※reference standard
 JIS-T-8123 Protective clothing for abrasive blasting operations using granular abrasives
 • TENSILE STRENGTH (two directions) : 450N/5cm or over
 • TEAR STRENGTH (two directions) : 30N or over
 • SEAM STRENGTH : 200N or over
 • RESISTANCE TO PUNCTURE : 30N or over

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