

NIZZERO ITALIA SRL

Via A. Palazzi, 8/A
20092 CINISELLO BALSAMO
MILANO (ITALY)
PHONE+39 02 66049510 / 66049520
FAX +39 02 6126584

Spett.le

Desmet Ballestra S.P.A.

Via Piero Portaluppi, 17
20138 MILANO
C.A. EGR. SIG. MASTROMATTEO

Cinise B.mo, 15/12/2010

CERTIFICATO DI CONFORMITA'(ref. UNI EN 10204 ref. 2.1) N° 190 **CERTIFICATE OF COMPLIANCE**

Vs. Ordine / Your	N°	101786	Comm.	1E35Z	del / dated	14/10/2010
Ns. DDT / Our Delivery	N°	614			del / dated	24/11/2010
Posizione /Position	N°	1-7	Item:	B5C	Q.tà / Q.ty	VARIE
	N°	8-13		B5B		VARIE
	N°	14-21		B5F		VARIE
	N°					
	N°					
	N°					

Ns. commessa: 698
Our job

Descrizione/ Description :		
Pos.	1-7	Item: B5C GUARNIZIONE PIANA PER FLANGE ANSI 150 RF MATERIALE "C" SB-ATI-PV009/1 -/- FLAT GASKETS FOR FLANGES ANSI 150 RF MATERIAL "C" SB-ATI-PV009/1
Pos.	8-13	Item: B5B GUARNIZIONE PIANA PER FLANGE ANSI 150 RF MATERIALE "B" SB-ATI-PV009/1 -/- FLAT GASKETS FOR FLANGES ANSI 150 RF MATERIAL "B" SB-ATI-PV009/1
Pos.	14-21	Item: B5F GUARNIZIONE PIANA PER FLANGE ANSI 150 RF MATERIALE "F" SB-ATI-PV009/1 -/- FLAT GASKETS FOR FLANGES ANSI 150 RF MATERIAL "F" SB-ATI-PV009/1
Pos.		Item:
Pos.		Item:
Pos.		Item:

è stato prodotto in conformità all'ordine di acquisto e secondo le norme o disegni da questo citate.
is manufactured in conformity with the P.O. and in accordance with specifications and relevant drawings .

NIZZERO ITALIA s.r.l.


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Via A.Palazzi, 8/A

20092 Cinisello Balsamo - MI -

Tel. 0266049510 0266049520 Fax 026126584

www.nizzero.it Email : nizzero@nizzero.it

UNIVERSALE SA

- COLOR	Bleu
- SPECIFIC WEIGHT	1,7 Kg./dmc +/- 5 %
- BINDER	NBR (33% ANC)
- FIBERS	PARA/ARAMID FIBRES - MINERAL FIBERS
- SEALING CONDITIONS	Alcohols, motor fuels, natural gas, city gas, medium concentrations acids, aliphatic hydrocarbon.
- MAX TEMPERATURE (T)	350° C
- MAX PRESSURE (P)	90 Ate
- RATIO T x P	20.000 Max
- GASKET FACTOR (ANSI BS16.5/77)	2 - 3
- SEATING STRESS (psi)	1.600 - 4.000

TEST

- COMPRESSIBILITY (ASTM F36)	15 % Max
- RECOVERY (ASTM F36)	40 % Min
- FLUIDS' RESISTANCE	
• ASTM 3 OIL - 5h 150° C	
thickness increase	10 % Max
weight increase	17 % Max
• FUEL A - 5h 23°C	
thickness increase	5 % Max
weight increase	15 % Max
• FUEL B - 5h 23° C	
thickness increase	10 % Max
weight increase	15 % Max
• ASTM 1 OIL - 5h 150° C	
thickness increase	8 % Max
weight increase	15 % Max

NOTE: This data sheet is completed by the dimensional tolerance table
N° SPF/TD.

SPF N°	REV.	DATA
201	00	30/06/2007

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UNIVERSAL CARBO

- COLOR	Black
- SPECIFIC WEIGHT	1,7Kg./dmc +/- 5 %
- BINDER	NBR (33% ACN)
- FIBERS	PARA/ARAMID FIBRES - GRAPHITE
- SEALING CONDITIONS	Saturated steam, mineral oils, solvents (not chlorurated and aromatic), alkalis, freon, alcohols.
- MAX TEMPERTURE (T)	400° C
- MAX PRESSURE (P)	100 Ate
- RATIO T x P	25.000 Max
- GASKET FACTOR (ANSI BS16.5/77)	2 - 3
- SEATING STRESS (psi)	1.600 - 4.000

TEST

- COMPRESSIBILITY (ASTM F36)	15 % Max
- RECOVERY (ASTM F36)	40 % Min
- FLUIDS' RESISTANCE	
• ASTM 3 OIL - 5h 150° C	
thickness increase	10 % Max
weight increase	18 % Max
• FUEL A - 5h 23° C	
thickness increase	5 % Max
weight increase	15 % Max
• FUEL B - 5h 23° C	
thickness increase	10 % Max
weight increase	15 % Max
• ASTM 1 OIL - 5h 150° C	
thickness increase	5 % Max
weight increase	15 % Max
• DISTILLED WATER - 5h 100° C	
thickness increase	10 % Max
weight increase	10 % Max

NOTE: This data sheet is completed by the dimensional tolerance table
N° SPF/TD.

SPF N°	REV.	DATA
301	00	30/06/2007

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DIMENTIONAL TOLERANCE TABLE OF JOINTS

STANDARD SHEETS SIZE : mm. 1520 x 1520 or 1520 x 3040
STANDARD REINFORCED SHEETS SIZE : mm. 1500 x 1500 or 1500 x 3000
COMMERCIAL RANGE : From 0,4 mm. to 4 mm.
TOLERANCE : According to DIN 28091 TEIL 1

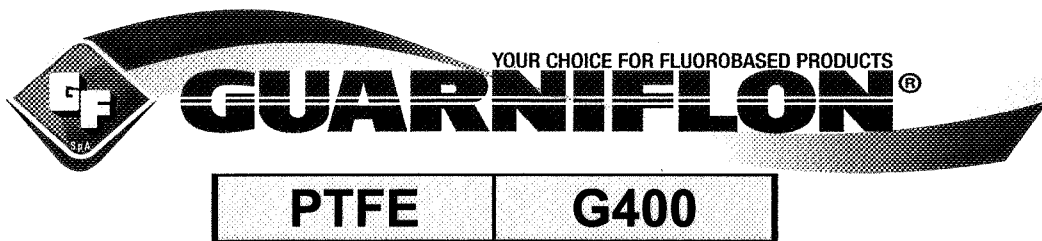
Nominal Thickness (mm.)	0,5	1	1,5	2	3	4
MAX TOLERANCE IN A SINGLE SUPPLY	+/- 0,1	+/- 0,1	+/- 0,15	+/- 0,2	+/- 0,3	+/- 0,4
MAX TOLERANCE IN A SINGLE SHEET	0,1 mm.				0,2 mm.	
MAX TOLERANCE SHEET DIMENSION	+/- 50 mm.					

WIRE NETTING INSERTION : In CELFLEX, UNIVERSAL CARBO and STEAMFLEX
 is possible to insert a galvanized carbon steel wire
 netting.

SPF N°	REV.	DATA
TD01	01	09/01/2008

NOTE: THIS TABLE COMPLETES OUR TECHNICAL DATA SHEET N° :

SPF 001 / SPF 051 / SPF 101 / SPF 151 / SPF 201 / SPF 201ECO / SPF 301 /
 SPF 351 / SPF 401



Properties	Unit	Method	Moulded
PHYSICAL - MECHANICAL			
Density	g/cm ³	ASTM D792	2,14 - 2,18
Hardness - Shore D	/	ASTM D2240	≥ 51
Tensile strength	N/mm ²	ASTM D4894	≥ 24
Elongation at break	%	ASTM D4894	≥ 250
Compressive strength at 1% deformation	N/mm ²	ASTM D695	4 - 5
Deformation under load at room temperature 24 hours at 13,7 N/mm ²	%	ASTM D621	14 - 17
Permanent deformation as above after releasing of 24 hours at room temperature	%	ASTM D621	7 - 9
Deformation under load at 260°C 24 hours at 4,1 N/mm ²	%	ASTM D621	30 - 32
Permanent deformation as above after releasing of 24 hours at room temperature	%	ASTM D621	17 - 19
Impact strength Izod	J/m	ASTM D256	153
Coefficient of friction (dynamic)	/	ASTM D3702	0,06
Wear factor (K)	cm ³ min ⁻¹ 10 ⁻⁹ / kg m h	ASTM D3702	2.900
PV limit at 3 m/min at 30 m/min at 300 m/min	N/mm ² x m/min	/	2,4 4,2 5,7
THERMAL			
Service Temperature (min - max)	°C	/	- 200 / + 260
Thermal expansion coefficient (linear) 25 - 100°C	10 ⁻⁵ / °C	ASTM D696	12 - 13
ELECTRICAL			
Dielectric strength (specimen 0,5 mm thick)	KV/mm	ASTM D149	20 - 40
Dielectric Constant at 60 Hz and 10 ⁶ Hz	/	ASTM D150	2,05 - 2,10
Volume Resistivity	Ω x cm	ASTM D256	10 ¹⁸
Surface Resistivity	Ω	ASTM D256	10 ¹⁷

The data we are herewith providing are all based on laboratory testing and are proposed to technical designers as possible and useful advice.
Deviations from the values hereabove indicated may occur, but they do not constitute themselves either detriment of quality or reason for rejection.

REV. 06

1 March 2010

Guarniflon S.p.A.
PTFE Products Division
 Via T.Tasso 12 - 24060 Castelli Calepio (BG) IT
 Phone +39.035.4494311
 Domestic Dept. Fax +39.035.4425191
 Export Dept. Fax +39.035.4425238

VAT N. IT 01406020162 - Reg. Imp. BG
 REA N. 203233 - Cod.Mecc. BG 003351
 Cap. Sociale € 10.000.000 interamente versato
PTFE Finished and Semifinished Products
<http://www.guarniflon.com> | info@guarniflon.com
 Accounting Dept. Fax +39.035.4425249

