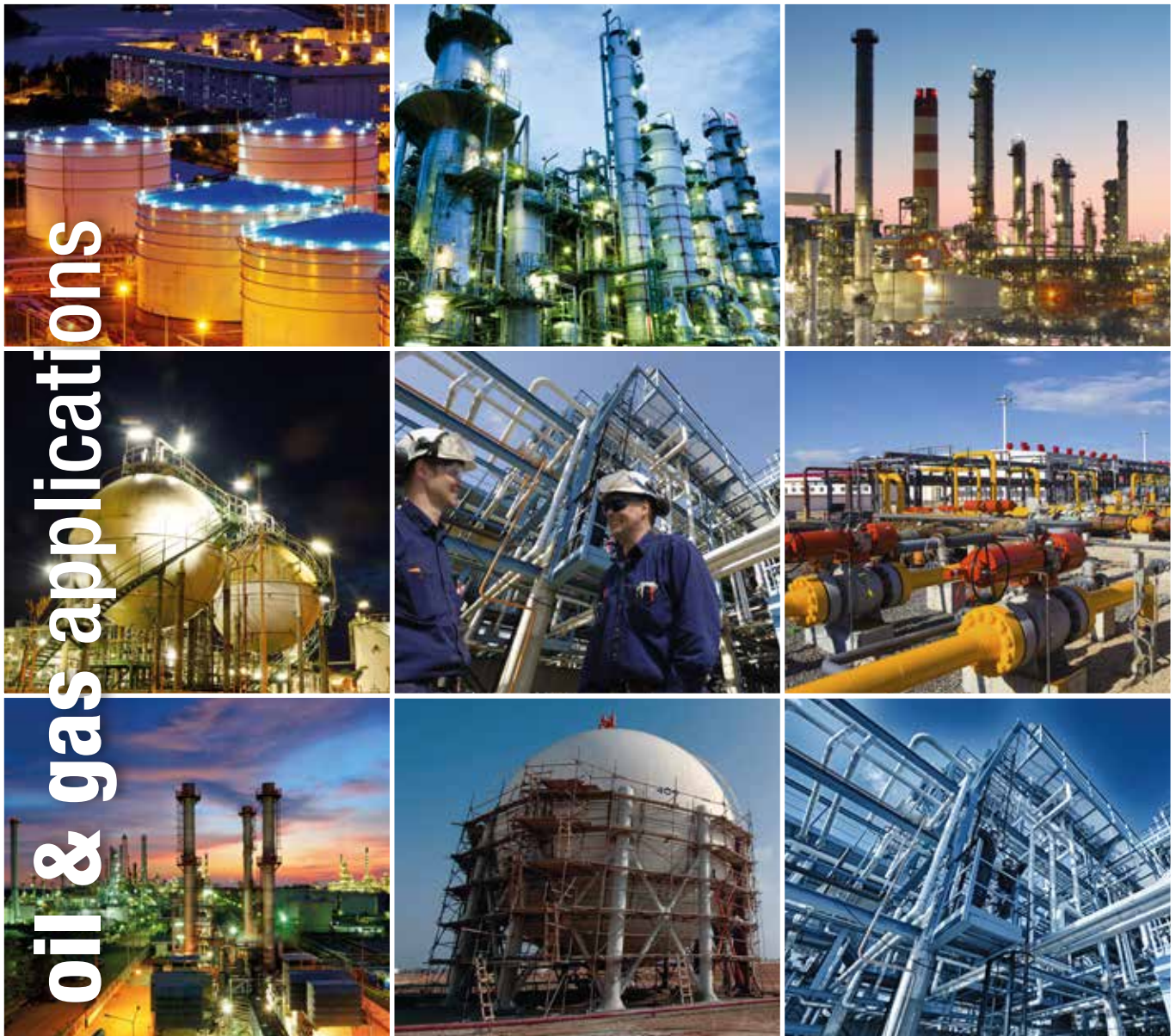


Promat[®] Plastic Coated Galvanised Mesh & Promat[®] Helical CD Weld Pin Reinforcement System



oil & gas applications

QUALITY ASSURANCE

Promat products are manufactured to stringent quality control systems to assure that our customers receive materials made to the highest standards.

Operating to these standards means that all activities, which have a bearing upon quality, are set out in written procedures.

Systematic and thorough checks are made on all materials and their usage. Test equipment is subjected to regular checks and is referred back to national standards.

The information given in this data sheet is based on actual tests and is believed to be typical of the product. No guarantee of results is implied however, since conditions of use are beyond our control.

INTRODUCTION – Promat® PLASTIC COATED GALVANISED MESH

Promat® Plastic Coated Galvanised Mesh is a hexagonal mesh wire netting “reverse twist”, galvanised after weaving and coated in blue plastic.

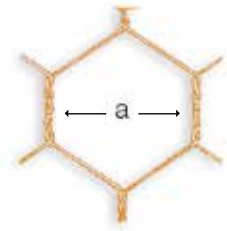
This netting is embedded in the fire protection coating.

Nominal wire diameter (d) is the diameter in mm to designate the wire.

Real wire diameter is the arithmetical mean of the minimum and maximum diameter, measured in the same section of a straight piece of wire by mean of the minimum and maximum diameter.

Nominal mesh size is the distance in mm to designate the mesh.

Real mesh size (a) is the distance in mm between the twists.



RAW MATERIAL

	Element	%
Chemical composition of wire rod	C	0.10
	Si	0.30
	Mn	0.50
	P	0.070
	S	0.060
	Zinc slabs	Minimum 99.5% of pure zinc
Plastic coating	Polyvinyl chloride (PVC), turquoise blue in accordance with RAL code 5012 or Munsell code 10 BG 6/6.	

PROPERTIES AND PERFORMANCE

Wire diameters and tolerances	Nominal diameter (d)	1.00mm or 1.50mm
	Core diameter	1.00mm ± 0.065mm in accordance with DIN 177
	Final diameter	1.50mm ± 0.10mm in accordance with DIN 3036 T2
Mesh sizes and tolerances	50mm ± 6mm in accordance with DIN 1200. The actual mesh size is the average value of 10 successive mesh openings in the transverse direction of the netting. Actual mesh size in mm = L/10 - 2d “L” being the length in mm of 10 successive meshes in the transverse direction. “d” being the wire diameter in mm.	
Tensile strength (Rm) of the wires	350-500N/mm ²	
Mass of zinc	Minimum mass of zinc is 35g/m ² in accordance with DIN 1200. To be determined by double weighing on a piece of netting of 150mm x 150mm without salvage and to be expressed in g/m ² of the wire surface.	
PVC coating	Homogeneous coating free from uncoated spots.	

PACKAGING – Promat® PLASTIC COATED GALVANISED MESH

23 rolls strapped on wooden pallet under stretch-foil, each roll is shrink-packed.

Roll Length	25m ± 2%
Netting width	Nominal 1000mm ± 30mm in accordance with DIN 1200
Inside diameter of the rolls	Approximately 100mm
Outside diameter of the rolls	Approximately 210mm
Roll weight	8.2kg ± 5%
Identification	Each roll is provided with a coloured identification tag

INTRODUCTION – Promat® HELICAL CD WELD PIN

Promat® Helical CD Welded Pins are special stainless steel pins welded to the substrate using an approved capacitance discharge weld machine incorporating a special Promat supplied chuck.

The helical pins are used to retain the plastic coated galvanised retention/reinforcement mesh used in conjunction with the PROMASPRAY® FMII system.

No clips are required.

PROPERTIES AND PERFORMANCE

Material	Stainless steel in accordance with AISI.316.S.11	
Dimensions	Wire diameter:	2.20mm ± 0.01mm
	Headed flange diameter:	4.72mm ± 0.03mm
	Headed flange thickness:	0.079mm ± 0.02mm
Tensile strength	Minimum 540N/mm ²	

HEALTH AND SAFETY

Adequate ventilation must be provided during use. Avoid contact with the skin and eyes by using eye protection, gloves, barrier cream and a face mask.

If the product comes into contact with the skin, wash immediately with soap and water. If the eyes are affected, flush with plenty of water and seek medical attention immediately.

A safety data sheet is available from Promat upon request.

Promat activities are conducted with due regard to all statutory requirements with appropriate safeguards against exposing employees and the public to health and safety risks.

HEAD OFFICE BELGIUM

Promat International N.V.

Bormstraat 24
2830 Tiselt
Tel: +32 15 718 100
Fax: +32 15 718 109
Email: info@promat-international.com
www.promat-international.com
www.promat-tunnel.com
www.promat-marine.com
www.promat-oilandgas.com

ASIA PACIFIC HEADQUARTERS, MALAYSIA

Promat International (Asia Pacific) Ltd.

Unit 19-02-01 -Level 2 PNB Damansara
No.19 Lorong Dungun - Damansara Heights
50490 Kuala Lumpur
Tel: +60 3 2095 5111
Fax: +60 3 2095 6111
Email: info@promat-ap.com
www.promat-ap.com

AUSTRALIA

Promat Australia Pty. Ltd.

1 Scotland Road
SA 5031 Mile End South
Tel: 1800 Promat (776 628)
Fax: +61 8 8352 1014
Email: mail@promat.com.au
www.promat-ap.com

AUSTRIA

Promat GmbH

St.-Peter-Straße 25
4021 Linz
Tel: +43 732 6912 0
Fax: +43 732 6912 3740
Email: info@promat.at
www.promat.at

Promat GmbH

IZ NÖ-Süd, Straße 16, Objekt 69
1. OG, Top 2
LKW Walter Business Park
2355 Wiener Neudorf
Tel: +43 2236 660915
Fax: +43 669070
Email: office@promat.at
www.promat.at

CHINA

Promat China Ltd.

Room 506, Block A, Qi Lin Plaza
13-35 Pan Fu Road
510180 Guangzhou
Tel: +86 20 8136 1167
Fax: +86 20 8136 1372
Email: info@promat.com.cn
www.promat.com.cn

CZECH REPUBLIC

Promat s.r.o.

Ckalova 22/784
16000 Praha 6 - Bubeneč
Tel: +420 2 2439 0811
Fax: +420 2 3333 3576
Email: promat@promatpraha.cz
www.promatpraha.cz

DENMARK

Promat Nordic

Kometvej 36
6230 Rødekro
Tel: +45 7020 0482
Fax: +45 7466 1020
Email: info@promat.nu
www.promat.nu

FRANCE

Promat S.A.S.

BP 66 Rue de L'Ammandier
78540 Vernouillet
Tel: +33 1 3979 6160
Fax: +33 1 3971 1660
Email: info@promat.fr
www.promat.fr

GERMANY

Promat GmbH

Scheifenkamp 16
40878 Ratingen
Tel: +49 2102 493 0
Fax: +49 2102 493 111
Email: mail@promat.de
www.promat.de

HONG KONG

Promat International (Asia Pacific) Ltd.

Room 1010, C.C. Wu Building
302-308 Hennessy Road, Wanchai
Tel: +852 2836 3692
Fax: +852 2834 4313
Email: apromath@promat.com.hk
www.promat.com.hk

INDIA

Promat (Malaysia) Sdn. Bhd. (India Representative Office)

610-611, Ansal Imperial Tower
C-Block, Community Centre
Naraina Vihar, Naraina
110028 New Delhi
Tel: +91 11 2577 8413
Fax: +91 11 2577 8414
Email: info-india@promat-asia.com
www.promat-ap.com

ITALY

Promat S.p.A.

Corso Paganini 39/3
16125 Genova
Tel: +39 010 248 8411
Fax: +39 010 213 768
Email: info@promat.it
www.promat.it

MALAYSIA

Promat (Malaysia) Sdn. Bhd.

Unit 19-02-01 - Level 2 PNB Damansara
No.19 Lorong Dungun
Damansara Heights
50490 Kuala Lumpur
Tel: +60 3 2095 8555
Fax: +60 3 2095 2111
Email: info@promat-ap.com
www.promat-ap.com

NETHERLANDS

Promat B.V.

Vleugelboot 22
3991 CL Houten
PO Box 475
3990 GG Houten
Tel: +31 30 241 0770
Fax: +31 30 241 0771
Email: info@promat.nl
www.promat.nl

POLAND

Promat TOP Sp. z o.o.

ul. Przeclawska 8
03 879 Warszawa
Tel: +48 22 212 2280
Fax: +48 22 212 2290
Email: top@promatop.pl
www.promatop.pl

RUSSIA

Promat A+B

Repräsentanz - ul. Kantemirovskaya 58
115477 Moscow
Tel: +7 495 325 4268
Fax: +7 495 231 7977
Email: gd@promat.ru
www.promat.ru

SINGAPORE

Promat Building System Pte. Ltd.

10 Science Park Road
#03-14 The Alpha - Singapore Science Park II
117684 Singapore
Tel: +65 6776 7635
Fax: +65 6776 7624
Email: info@promat.com.sg
www.promat-ap.com

SOUTH EAST EUROPE

Promat SEE

Samoborska cesta 91 A,
10 090 Zagreb, Croatia
tel: +385-21-218294
fax: +385-21-218295
mob: +385-99-202 8000
Email: marine@promat-see.com

SOUTH KOREA

Promat International (Asia Pacific) Ltd.

(Korea Branch Office)
Room 406, 811-2 - Yeoksam-dong Gangnam-gu
135080 Seoul
Tel: +82 70 7794 8216
Email: apromath@promat.com.hk
www.promat-ap.com

SPAIN

Promat Ibérica S.A.

C/Velazquez, 47 - 6° izda
28001 Madrid
Tel: +34 91 781 1550
Fax: +34 91 575 1597
Email: info@promat.es
www.promat.es

SWITZERLAND

Promat AG

Stationsstrasse 1
8545 Rickenbach-Sulz
Tel: +41 52 320 9400
Fax: +41 52 320 9402
Email: office@promat.ch
www.promat.ch

UNITED ARAB EMIRATES

Promat Fire Protection LLC

Plot no. 597-921, Dubai Investment Park 2
PO Box 123945, Dubai
Tel: +971 4 2 32 9780
Fax: +971 4 232 9781
www.promatfp.ae

UNITED KINGDOM

Promat UK Ltd.

The Sterling Centre, Eastern Road, Bracknell
RG12 2TD Berkshire, Great Britain
Tel: +44 1344 381 300/400
Fax: +44 1344 381 301
Email: marketinguk@promat.co.uk
www.promat.co.uk

USA

Promat Inc.

1731 Fred Lawson Drive
TN 37801 Maryville
Tel: +1 865 681 0155
Fax: +1 865 681 0016
Email: sales@promat.us
www.promat.us