



Certificate No. 403640

RESINTECH PLASTICS (M) SDN. BHD.

RESINTECH HDPE Single Or Double Wall Corrugated Underground Cable Protection Pipe



- SIRIM QAS CERTIFIED TO BS EN 50086
- TNB DISTRIBUTION CERTIFICATE OF ACCEPTANCE
- ISO 9001 : 2000 CERTIFIED





SIRIM QAS INTERNATIONAL SDN. BHD. (Company No. 410334-X)
 No. 1, Persiaran Dato' Menteri, P.O. Box 7035, Section 2
 40911 Shah Alam, Selangor Darul Ehsan, Malaysia
 Tel: 03-55446450/55446451
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TEST REPORT

REPORT NO : 2004CB1024	PAGE : 1 OF 3
<p>This Test Report refers only to samples submitted by the applicant to SIRIM QAS International Sdn. Bhd. and tested by SIRIM QAS International Sdn. Bhd. This test report shall not be reproduced, except in full and shall not be used for advertising purposes by any means or forms without written approval from Executive Director, SIRIM QAS International Sdn. Bhd. Please refer overleaf for Conditions Relating To The Use of Test Report.</p>	

Applicant : PRODUCT CERTIFICATION SECTION
 SIRIM QAS INTERNATIONAL SDN. BHD.
 (Attn : Pn. Fauziah Ahmad)

Manufacturer : RESINTECH PLASTICS (M) SDN. BHD.
 Lot 3 & 5, Jalan Waja 14,
 Kws. Perind. T. Panglima Garang,
 42500 T. Panglima Garang,
 Selangor Darul Ehsan

Product : Double Wall Corrugated Pipes

Reference Standard / Method of Test : BS EN 50086-2-4 : 1994
 Specification for
 Conduit systems for electrical installations
 Part 2. Particular requirements
 Section 2.4 : Conduit systems buried underground.

Desc
 Date
 Job n
 Issue

**TNB RESEARCH SDN. BHD.
 QUALITY ASSURANCE SERVICES**



CERTIFICATE OF ACCEPTANCE

Serial No : 2006-0267(E)

Supplier
RESINTECH PLASTICS SDN. BHD.
 Lot 3 & 5, Jalan Waja 14
 Kawasan Perindustrian Telok Panglima
 Garang
 42500 Telok Panglima Garang
 Selangor Darul Ehsan

Manufacturer
RESINTECH PLASTICS SDN. BHD.
 Lot 3 & 5, Jalan Waja 14
 Kawasan Perindustrian Telok Panglima
 Garang
 42500 Telok Panglima Garang
 Selangor Darul Ehsan

Name/Equipment
DOUBLE WALL HDPE CORRUGATED PIPES

Makes/ Model
RESINTECH PLASTICS (M) SDN. BHD. / ID 100mm² & 150mm²

Qualification
 The equipment has complied with the mandatory requirements and accepted by the Quality Assurance Unit TNB Research Sdn. Bhd. for use within TNB Distribution Sdn. Bhd according to the following standards :
 TNBD Technical Specification – KEJ09402 : 2000 (7th April 2000)
 Technical Specification for for Single and Double Wall High Density Polyethylene (HDPE) Corrugated Pipe

Validity period
 This certificate is valid from 5 October 2006 to 4 October 2007

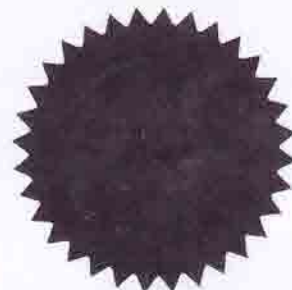
Certified by

Dr. SALIM SAIRAN
 Managing Director, TNB Research Sdn. Bhd.

Date
 26 September 2006

Certification Date
 1 August 2001

Certification is subject to the conditions overleaf



RESINTECH HDPE DOUBLE-WALL CORRUGATED UNDERGROUND CABLE PROTECTION PIPE is twin-wall construction, corrugated outside and smooth inside with high compressive strength and extra-ordinary high impact resistance.

Used as an underground cable protection pipe under high compression loads, under road crossings. Special Double-End Socket with Rubber Ring sealing prevent sand migration and waterproof.

DOUBLE-WALL CORRUGATED UNDERGROUND CABLE PROTECTION PIPE			
HDPE CABLE PIPES	NOMINAL DIAMETER	OUTSIDE DIAMETER	STANDARD LENGTHS
Corrugated Outside Smooth Inside	100mm	118mm	6M / 12M / 50M
	150mm	174mm	6M / 12M / 30M
	200mm	235mm	6M / 12M / 30M

SINGLE-WALL CORRUGATED UNDERGROUND CABLE PROTECTION PIPE			
HDPE CABLE PIPES	NOMINAL DIAMETER	OUTSIDE DIAMETER	STANDARD LENGTHS
Single Wall Cable Pipe	100mm	118mm	6M / 12M / 50M
	150mm	174mm	6M / 12M / 30M
	200mm	235mm	6M / 12M / 30M

STANDARD PIPE FITTINGS			
NOMINAL DIAMETER	DOUBLE-END SOCKET	BEND 45° OR 90°	TEE JUNCTION
100mm	AVAILABLE	AVAILABLE	AVAILABLE
150mm	AVAILABLE	AVAILABLE	AVAILABLE
200mm	AVAILABLE	AVAILABLE	AVAILABLE

ISO 9001 : 2000 CERTIFIED



Head Office, Multipurpose Hall, Factory and Warehouse (478,000 Sq. ft.) - Telok Panglima Garang, Selangor, Malaysia.

HDPE DOUBLE-WALL CORRUGATED SEWER PIPE & FITTINGS HDPE 雙層波浪形排污管



Size Available: 100mm, 150mm, 200mm, 225mm, 250mm, 300mm, 375mm, 450mm, 600mm.
Standard Length: 4M, 6M, 12M.

Applications
Underground Sewer Piping System and Industries Wastes Piping System.
SIRIM CERTIFIED TO DIN 16961 PT 1 & 2 : 1989, JPP APPROVED.

應用:
地下排污水管系統, 以及工業廢料排管系統。
SIRIM 品質保證: DIN 16961 PT 1 & 2 : 1989, JPP 核准。

HDPE SINGLE OR DOUBLE-WALL (PERFORATED) CORRUGATED DRAINAGE PIPE HDPE 單孔或雙孔(排孔)波浪形排水管



Size Available: 100mm, 150mm, 200mm, 250mm, 300mm, 375mm, 450mm, 600mm.
Standard Length: 6M, 12M, 30M, 50M.

Applications
Underground Sub-Soil Drainage Piping System for Highways, Streets, Airports, Stadium, Golf Course, School Fields and Sewerage Treatment plant Sludge Drying bed Underdrains.
SIRIM CERTIFIED TO DIN 16961 PT 1 & 2 : 1989

應用:
高速公路、學校操場、高爾夫球場及排水道。
下沙排水管。
SIRIM 品質保證: DIN 16961 PT 1 & 2 : 1989

POLYETHYLENE INDIVIDUAL SEWAGE TREATMENT PLANT 聚乙烯個別腐化槽



PE CAPACITY: 8PE, 15PE, 25PE

Applications
Individual Sewage Treatment Plant.
JPP APPROVED

應用:
化糞槽
獲JPP批准

HDPE DOUBLE-WALL CORRUGATED UNDERGROUND CABLE PIPE HDPE 雙層波浪形地下電纜管



Size Available: 100mm, 150mm, 200mm.
Standard Length: 6M, 12M, 30M, 50M.

Applications
Underground Cable Protection Piping for Electricity and Tele-Communication.
SIRIM CERTIFIED TO DIN 16961 PT 1 & 2 : 1989 EN 50086
TNB Technical Spec Approved on 7/4/00

應用:
可用作保護電流和電訊的地下電纜
SIRIM 品質保證: DIN 16961 PT 1 & 2 : 1989 EN50086
TNB Technical Spec Approved on 7/4/00

HDPE DOUBLE-WALL CORRUGATED PIPE DRAIN & CULVERT PIPE HDPE 雙層波浪形排水及地下管



Size Available: 250mm, 300mm, 375mm, 450mm, 600mm.
Standard Length: 4M, 6M, 12M.

Applications
• Rain Storm Pipe Drain for Highways
• Pipe Drain for Houses, Shophouses, Factories, Schools
• Culvert Pipe for Road Crossings

應用:
• 高速公路的雨水排水管
• 房屋、店屋、工廠和學校的排水管
• 道路的地下溝渠

RAINWATER HARVESTER AND STORM WATER DETENTION SYSTEM 雨水及大雨蓄水系統

Size Available: 1000 Litres, 1500 Litres, 2000 Litres, 2500 Litres, 3000 Litres, 5000 Litres, 7500 Litres, 10,000 Litres, 50,000 Litres, 100,000 Litres.

Applications
• Rain Storm Water Detention System for Houses, Shophouses, Factories, Schools

應用:
住家屋、店屋、工廠、學校作雨水蓄水系統再用。



POLYETHYLENE COLD WATER TANK 聚乙烯冷水槽

Size Available: 225 Litres (50G), 365 Litres (80G), 455 Litres (100G), 685 Litres (150G), 910 Litres (200G), 1135 Litres (250G), 1365 Litres (300G), 1620 Litres (400G), 2270 Litres (500G), 2725 Litres (600G), 4550 Litres (1000G), 6850 Litres (1500G), 9000 Litres (2000G), 13,620 Litres (3000G), 18,160 Litres (4000G), 22,700 Litres (5000G).

Applications
Cold Water Storage.
SIRIM CERTIFIED TO MS 1225 : 1991

應用:
儲藏冷水
SIRIM 品質保證: MS 1225 : 1991



POLYETHYLENE DIESEL STORAGE TANK 聚乙烯儲存柴油槽

Size Available: 2 x 3000 Litres-6000 Litres, 3 x 3000 Litres-9000 Litres, 2 x 5000 Litres-10,000 Litres, 3 x 5000 Litres-15,000 Litres.

Applications
Use as Skip-tank for Storage of Diesel at Factory, Estate and Construction Site.

應用:
作油工廠、園地及建築地儲藏柴油的槽。



HDPE WATER SUPPLY PIPE - PE 80 HDPE 輸水管 - PE 80

Size Available: 20mm to 450mm.
Rating: PN6, PN6, PN10, PN12.5, PN16.
Standard Length: 6M, 12M, 50M, 100M.

Applications
Underground Water Supply Piping.
SIRIM CERTIFIED TO MS 1058 : Part 2 : 2002

應用:
可用作地下輸水管
SIRIM 品質保證: MS 1058 : Part 2 : 2002



PVC & UPVC WATER, SOIL & VENTILATION AND SEWER PIPE PVC & UPVC 水、沙土及通風管和排水管

Size Available: 15mm to 250mm.
Rating: Class E, D, C, B, O, AE, 6, 7.
Standard Length: 4M, 6M.

Applications
Water Supply Piping, Soil & Ventilating Piping, Sewer Piping, Cable Protection Piping. SIRIM CERTIFIED TO MS 628 : Part 1 : 1999, MS 978 : 1985, MS 762 : 1982, MS 1063 : 1986, MS 979 : Part 1 : 1985, MS 1034 : 1986.

應用:
水管、沙土及通風、排水水管、電纜保護管
SIRIM 品質保證: MS 628 : Part 1 : 1999, MS 978 : 1985, MS 762 : 1982, MS 1063 : 1986, MS 979 : Part 1 : 1985, MS 1034 : 1986



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