



BEYOND EXPECTATIONS

MEDIUM DUTY



CATALOGUE
PAGES
INSIDE

THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

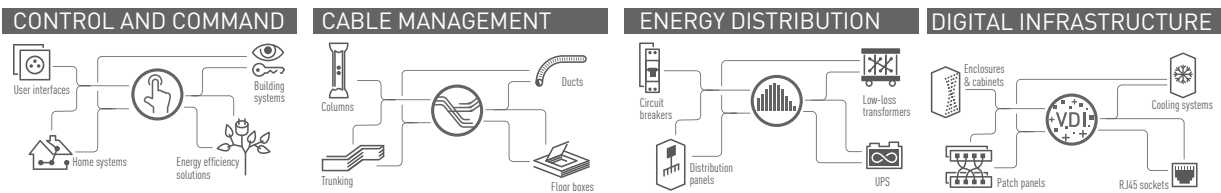


LEGRAND

A GLOBAL PLAYER

Legrand is the global specialist in electrical and digital building infrastructures. The group offers a comprehensive range of solution and services tailored to residential, commercial and industrial applications. The scope of its offering and its leading positions make Legrand a worldwide benchmark.

4 KEY AREAS OF EXPERTISE



TURNOVER
NEARLY
€6.6 BILLION
IN TOTAL SALES IN
2019

MORE THAN
36,000 EMPLOYEES

INNOVATION
**4.8% OF 2018
SALES
INVESTED
IN R&D**

A WIDE CHOICE
OF SOLUTIONS

OVER
**230,000
CATALOGUE
ITEMS**

**80 PRODUCT
FAMILIES**

SALES IN MORE THAN
80 COUNTRIES



WHO WE ARE

TRUSTED BRAND OVER
30 YEARS in uPVC Cable Management

WORLD CLASS FACILITIES
**ON EXTRUSION
& INJECTION**

including tooling, testing and latest production technology such as compounding, on-line and off-line finishing, down-stream engineering and packaging

INTERNATIONAL PRESENCE OVER
13 COUNTRIES

LEGRAND INDONESIA



LEGRAND INDONESIA

With our historical presence since 1970's in Indonesia, Legrand Indonesia has already known as a reliable solution for Electrical and Digital Infrastructure.

Thanks to the joint venture with Megapower in 2011, Legrand Group has acquired a great industrial facility and more than 30 years expertise in uPVC cable management system and wiring accessories, making Legrand the ideal partner for all electrical solutions. As an addition for the regional main conduit factory in Malaysia, Legrand Indonesia established local conduit factory located in Bitung, Tangerang as our commitment to deliver high level of support in Conduit solution.

MD

Medium Duty
332112

1

Mechanical Protection for durability against compression and Impact forces compliances to IEC 61386-21

CONDUIT TESTED

for Excellence



COMPRESSION TEST

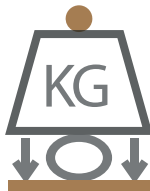
Endurability of compressive load over 750N.



2

IMPACT TEST

Resilience to impact forces over 2kg mass of hammer with fall height of 100mm



3

NON-FLAME PROPAGATION

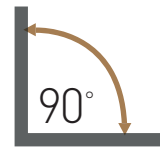
flame extinguished immediately after the source of the flame is removed.



4

ABLE TO FORM 90 DEGREE

with the aid of bending spring



5

HIGH INTERNATIONAL QUALITY STANDARD

Legrand is independently tested to meet the intended design and wiring application as stipulated by international standard IEC 61386 - 21



Deliver Medium Duty performance with time saving & lower installation costs for residential and commercial building



legrand®

656513 20mm High Impact Rigid Conduit BS EN 61386-21:2004 332112 15:42 17/10/16 <5>

1

2

3

5

4

- 1- Manufacturer and/or Brand name identification
- 2- Product Code
- 3- Compliance with International Standard IEC 61386-21
- 4- Exact date and time of manufacture for easy tracking

- 5- Compression rating (Rating 3 = Medium Duty)
- 3- Impact rating (Rating 3 = Medium Duty)
- 2- Min. Serving Temperature (Rating 2= -5 °C)
- 1- Max. Serving Temperature (Rating 1= +60 °C)
- 1- Bending resistance (Rating 1 = Rigid)
- 2- Electrical Characteristic (Rating 2= With electrical insulating characteristics)

ALWAYS MEET YOUR EXPECTATIONS

Stringent quality control and testing are employed for the International Electrotechnical Commission (IEC) 61386-21 Standard certification, which is the International Standard used for Conduit Systems for Cable Management. The manufacturing facility has also been awarded with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management Systems certifications.



PROVEN RELIABILITY OF SUCCESSFUL PROJECTS

Legrand, recognized as global specialist in electrical and digital building infrastructures, puts in its PVC offers the same attention to quality and service that made it famous worldwide, making every project a success story.



SAVE TIME ON INSTALLATION

Our products are tested under heavier conditions than the normative for an over performing quality that always guarantees time saving for you.

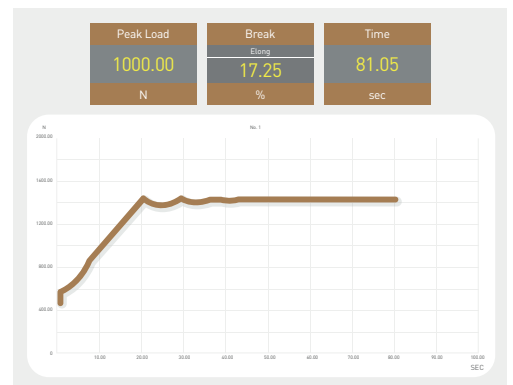


MD
MEDIUM DUTY
332112

20 MM
7X
HIGHER
THAN
STANDARD

25MM
9X
HIGHER
THAN
STANDARD

Impact Test



Compression Test



HIGH IMPACT uPVC RIGID CONDUIT AND FITTINGS



High Impact uPVC Rigid Conduit



QTY/ PACK	CAT NO	SIZE (mm)	LENGTH (m)	COLOR
50	6 565 13	20	2.9	White

Lid Cover (Screw Type)



QTY/ PACK	CAT NO	SIZE (mm)	DIAMETER (mm)	COLOR
3000	SLC	20 & 25	65	White

*) not supplied with screw

Protector Cover (Clip Type)



QTY/ PACK	CAT NO	SIZE (mm)	DIAMETER (mm)	COLOR
3000	SPC	20	65	White

Tee Three Way Box



QTY/ PACK	CAT NO	SIZE (mm)	DIAMETER (mm)	COLOR (mm)
600	SCB 20-3N	20	65	White

Saddle



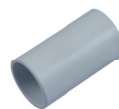
QTY/ PACK	CAT NO	SIZE (mm)	COLOR
5000	SPS 20W	20	White

Intersection Four Way Box



QTY/ PACK	CAT NO	SIZE (mm)	DIAMETER (mm)	COLOR
500	SCB 20-4N	20	65	White

Coupling



QTY/ PACK	CAT NO	SIZE (mm)	COLOR
3000	SC 20	20	White

Bending Spring



QTY/ PACK	CAT NO	SIZE (mm)	SPRING
30	6 565 29	20	Round
30	6 565 31	20	Square



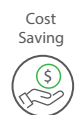
Wiring Protection



Easy Maintenance



Safe Installation



Cost Saving



Fast Installations

WEATHERPROOF ENCLOSURE BOX

Weatherproof Enclosure Box



QTY/ PACK	CAT. NOS	LxWxH (mm)	COLOR
150	6 568 00	110 x 110 x 60	Grey
90	6 568 01	110 x 110 x 110	Grey
72	6 568 02	155 x 115 x 80	Grey
50	6 568 03	155 x 115 x 110	Grey
42	6 568 04	215 x 150 x 80	Grey
30	6 568 05	215 x 150 x 110	Grey
20	6 568 08	250 x 200 x 110	Grey
14	6 568 09	250 x 200 x 160	Grey
12	6 568 10	310 x 230 x 145	Grey
9	6 568 11	390 x 310 x 180	Grey

- ABS thermoplastic
- IP66 Dust/weatherproof
- High impact strength
- Temperature range from -5°C ~ +70°C
- Chemical resistance to aqueous acids, alkalis, seawater, concentrated phosphoric & hydrochloric acid
- Polycarbonate version available upon request

Index of protection Degrees of protection provided by enclosures for electrical equipment (IP code)

According to standards: IEC 60529, BS EN 60529 and NF EN 60529

1 st digit: protection against solid foreign objects			2 nd digit: protection against ingress of water			Additional letter: protection against access to hazardous parts		
IP	tests	protection	IP	tests	protection	IP	tests	protection
0		No protection	0		No protection			
1		Protected against solid bodies larger than 50 mm	1		Protected against vertically-falling drops of water (condensation)	A		The back of the hand remains remote from dangerous parts
			2		Protected against drops of water falling at up to 15° from the vertical			
2		Protected against solid bodies larger than 12.5 mm	3		Protected against drops of rain water at up to 60° from the vertical	B		The dangerous parts can not be touched when introducing a finger
			4		Protected against projections of water from all directions			
3		Protected against solid bodies larger than 2.5 mm	5		Protected against jets of water from all directions	C		The dangerous parts can not be touched when introducing a tool (eg a screwdriver)
			6		Protected against jets of water of similar force to heavy seas			
4		Protected against solid bodies larger than 1 mm	7		Protected against the effect of immersion			
5		Protected against dust (no harmful deposit)	8		Protected against prolonged effects of immersion under pressure	D		The dangerous parts can not be touched when introducing a wire
6		Completely protected against dust	9 9K ⁽¹⁾		Protected against high pressure and temperature water jets			

(1) In accordance to ISO 20653





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