

	Compression Resistance	Impact Resistance	Minimum Temperature	Maximum Temperature	Bend Resistance	Electrical Properties
Non-Metallic Conduits based on nominal conduit size 21 mm						
HG-SW PA6 corrugated, standard weight (with HG fittings)	2	4	2	4	4	0
HG-LW PA6 corrugated, light weight (with HG fittings)	2	4	2	4	4	0
HG-HW PA6 corrugated, heavy weight (with HGL fittings)	2	4	2	4	4	0
HG-FR Flame retardant corrugated, standard weight (with HGL fittings)	2	4	2	4	4	0
HG-HI PA12 corrugated, standard weight (with HG fittings)	1	3	5	4	4	0
HG-DC PA6 double slit corrugated	2	4	2	4	4	0
PCO * PA6 large diameter corrugated						
PSC * PVC spiral reinforced						
LSC * smooth, PVC spiral reinforced						
Metallic Conduits based on nominal conduit size 20 mm						
SC galvanised steel	4	4	5	6	4	0
SSC stainless steel	4	4	5	6	4	0
PCS galvanised steel, PVC coated (with compression fittings)	4	4	3	1	4	0
NCS galvanised steel, PA6 coated	4	4	4	4	4	0
LFHCS galvanised steel, LFH coated	4	4	3	1	4	0
LTS galvanised steel, PVC coated, liquid-tight (with compression fittings)	4	4	3	3	4	0
LTSH galvanised steel, thermoplastic rubber, liquid-tight	4	4	5	4	4	0
LTSUL galvanised steel, PVC coated, liquid-tight, UL-listed	4	4	3	3	4	0
PCSB galvanised steel, PVC coated, galvanised steel overbraid	4	4	3	1	4	0
SCSB galvanised steel, galvanised steel overbraid	4	4	5	6	4	0
LTSS * stainless steel, PVC coated, liquid-tight						

* available upon request

IEC 61386 Classification Key	Compression-Resistance (N)	Impact Resistance (J)	Minimum Temperature (°C)	Maximum Temperature (°C)	Bend Resistance	Electrical Properties
0	-	-	-	-	-	non-declared
1	125	0,5	+5	+60	rigid	conducting
2	320	1	-5	+90	pliable	insulating
3	750	2	-15	+105	pliable, self-recovering	conducting/ insulating
4	1250	6	-25	+120	flexible	-
5	4000	20	-45	+150	-	-
6	-	-	-	+250	-	-
7	-	-	-	+400	-	-

	IP Rating against solid objects	IP Rating against water	Corrosion Resistance	Tensile Strength	Resistance to Flame Propagation	Suspended Load Capacity
	6	6	-	2	1	0
	6	6	-	1	1	0
	6	8	-	3	1	0
	6	8	-	2	1	0
	6	6	-	1	1	0
	4	0	-	2	1	0
	4	0	1	4	1	0
	4	0	4	4	1	0
	6	5	2	4	1	0
	6	4	2	4	1	0
	6	5	2	4	1	0
	6	8	4	4	1	0
	6	8	4	4	1	0
	6	8	4	4	1	0
	5	4	2	4	1	0
	4	0	1	4	1	0

IP Rating against solid objects	IP Rating against water	Corrosions Resistance	Tensile Strength (N)	Resistance to Flame Propagation	Suspended Load Capacity (N)
-	0	-	-	-	non-declared
-	1	low inside and outside	100	not flame-propagating	20
-	2	medium inside and outside	250	flame-propagating	30
3	3	medium inside, high outside	500	-	150
4	4	high inside and outside	1000	-	450
5	5	-	2500	-	850
6	6	-	-	-	-
7	7	-	-	-	-