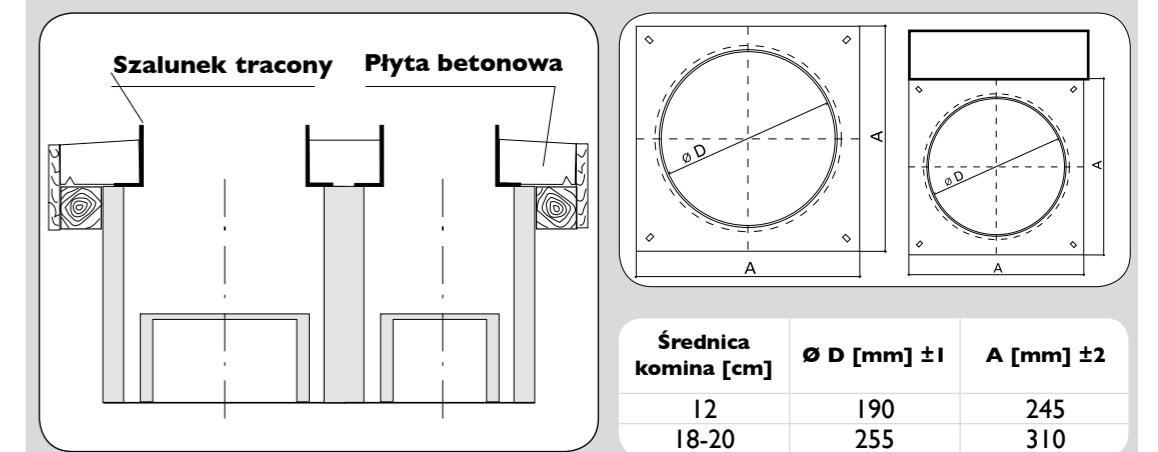


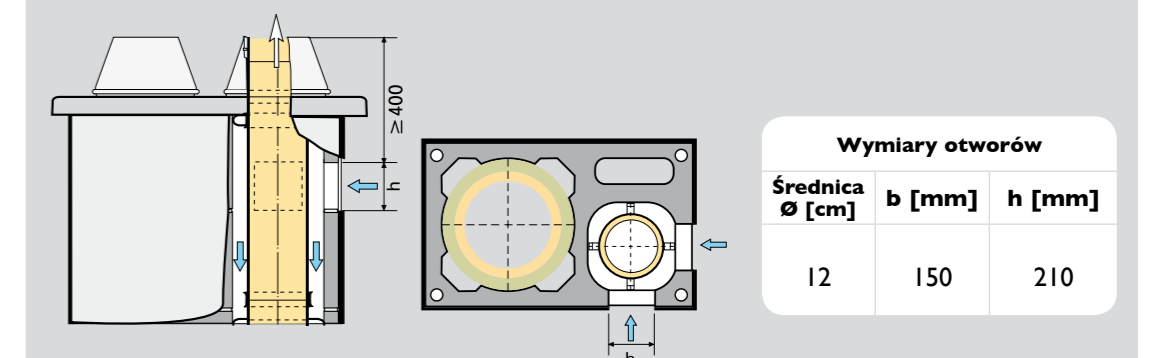
Nowoczesny komin wielofunkcyjny. Umożliwia odprowadzanie spalin z kotłów na paliwa stałe oraz z kotłów kondensacyjnych.

I. Sposób samodzielnego wykonania płyty przykrywającej



Szalunki tracony ułożyć na ostatnim pustaku. Po odpowiednim ich wycentrowaniu należy wykonać szalunek zewnętrzny, ułożyć odpowiednie zbrojenie i wylać beton o klasie min C 20/25. Maksymalna wysokość wylanej płyty nie może przekraczać poziomu linii na szalunku traconym. Po związaniu betonu rozebrać szalunek zewnętrzny, osadzić ostatnią rurę ceramiczną na kucie kwasoodpornym i na jej wystającej odnake nałożyć stalowy stożek kolumny.

II. Doprowadzenie powietrza do spalania



III. Uchwyt kominowy



Alternatywne wykonanie przejścia przez konstrukcję dachu. Montaż uchwytu wersji „pod” lub „pomiędzy” krokiewiami.

IV. Przejście przez stropy i dach



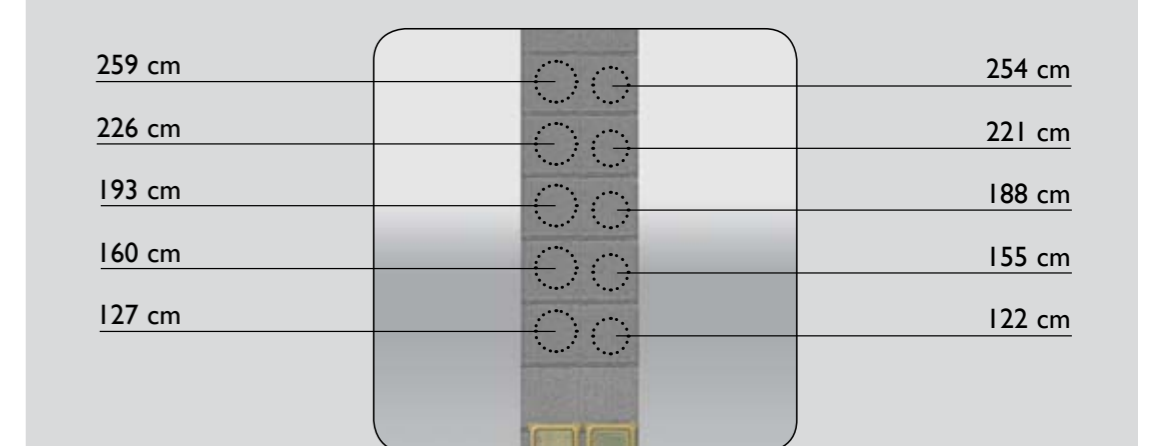
Otwór przejścia stropowego i dachowego musi być ze wszystkich stron większy od wymiaru zewnętrznego pustaka o min. 2-3 cm. Przy konstrukcji drewnianej zachować odległość zgodną z obowiązującymi przepisami oraz klasyfikacją kolumny. Wolną przestrzeń wypełnić wełną mineralną i zaizolować betonem (nie stosować styropianu).

V. Montaż płyty czołowej i przesłony zamykającej



Podczas wykańczania kolumny należy zwrócić uwagę, aby nie zatknąć przyłącza spalin.

VI. Możliwe wysokości przyłączenia



VII. Maksymalna wysokość kolumny ponad dachem

wys. kolumny [m]	wysokość kolumny ponad dach		
	obmurowany 12 cm	obłożony łupkiem/błachą	obłożony tynkiem 2 cm
0< H ≤ 8	1.75	0.90	1.30
8< H ≤ 20	1.70	0.65	0.95

Przy cięciu i szlifowaniu, wymagane są środki kontrolne. Wprowadzić należy cięcie na makro i pochłanianie pyłu.

Instrukcja zdrowia i bezpieczeństwa

Wiele produktów budowlanych takich jak elementy kolumny wytwarzane są przy użyciu surowców naturalnych. Surowce te zawierają pewne ilości krzemionki krystalicznej. Elektryczne procesy mechaniczne takie jak cięcie czy szlifowanie produktów wytwarzają pewne ilości respirablennego pyłu krzemionkowego.

Tam, gdzie narażenie na pył jest wysokie i długotrwałe, prowadzić to może do choroby płuc (silkozy) i zwiększonego ryzyka zachorowania na raka płuc.

Wymagane środki ochrony:

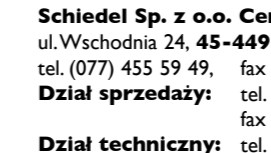
- Podczas cięcia i szlifowania wymagane jest użycie zatwierdzonego respiratora P3/FFP3
- Dodatkowo, zastosowane powinny być procesy mechaniczne takie jak cięcie na makro lub pochłanianie pyłu.



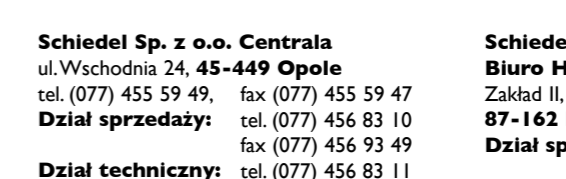
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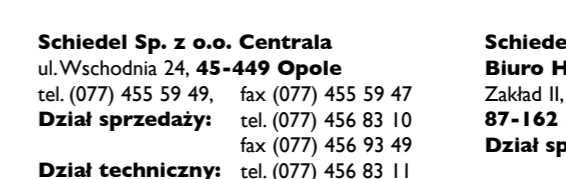
Ochrona układu oddechowego
Maska ochronna typu P3/FFP3



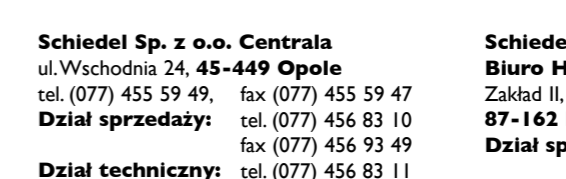
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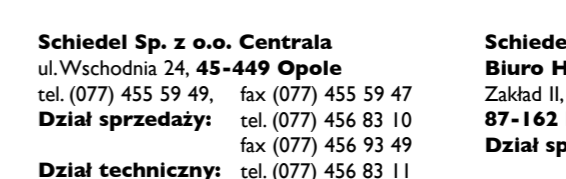
Ochrona głowy



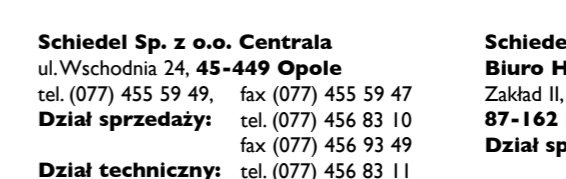
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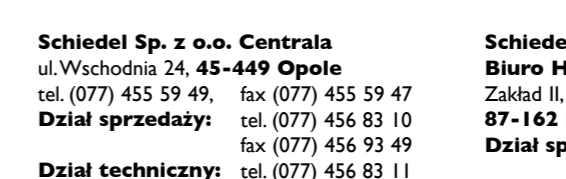
Ochrona rąk



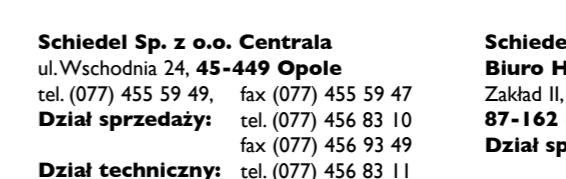
Ochrona twarzy



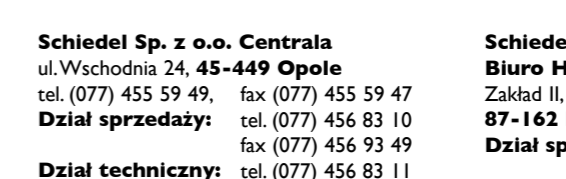
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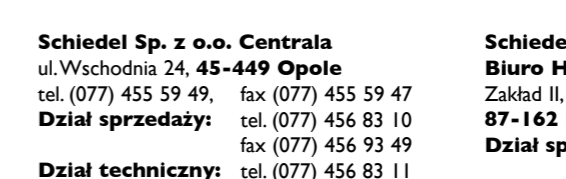
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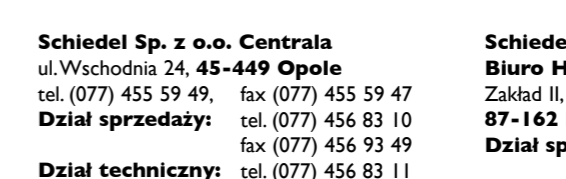
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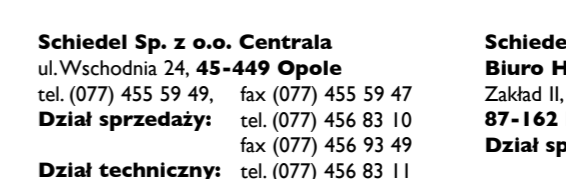
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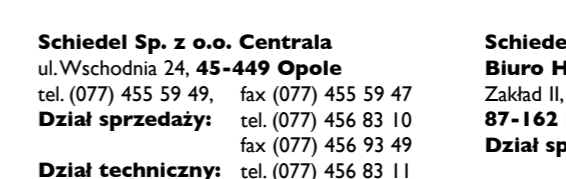
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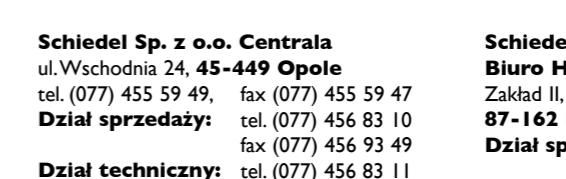
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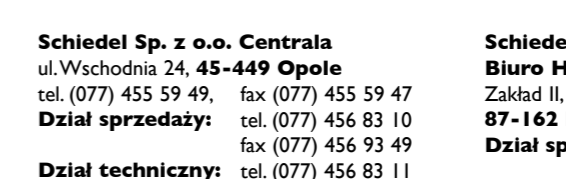
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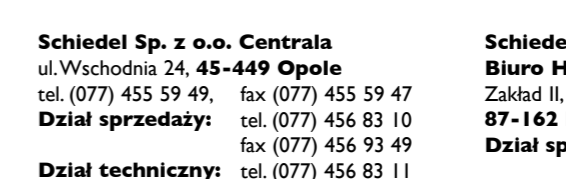
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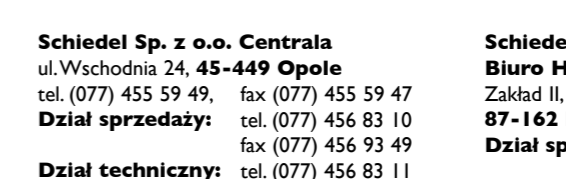
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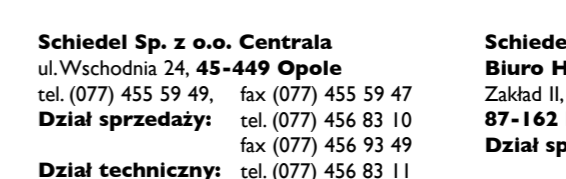
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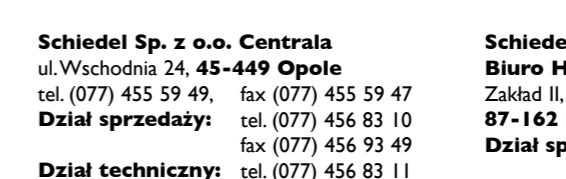
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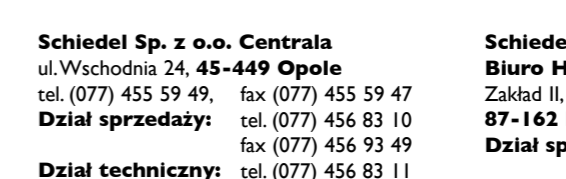
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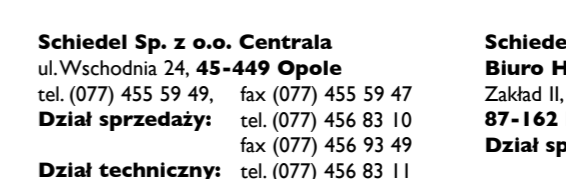
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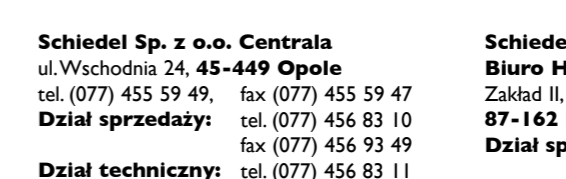
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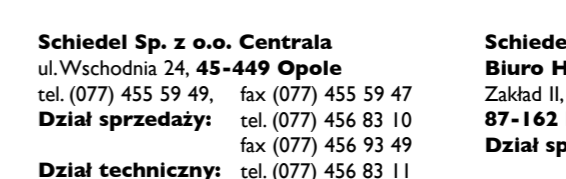
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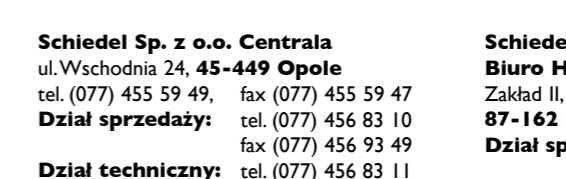
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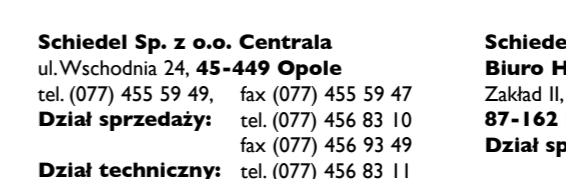
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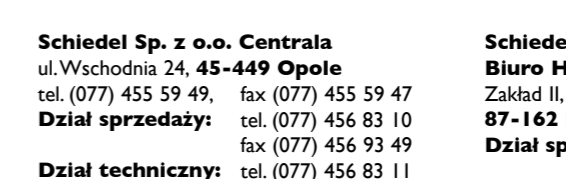
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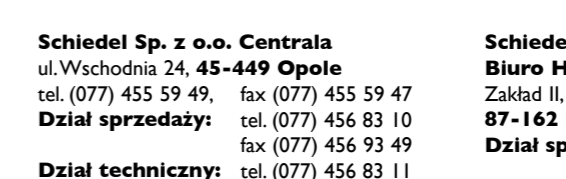
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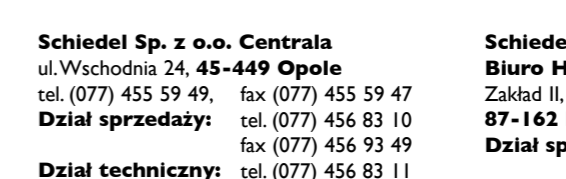
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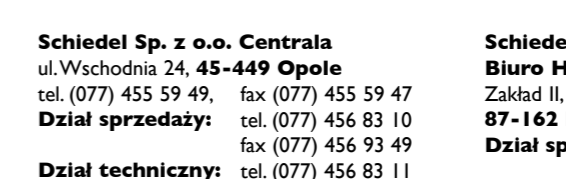
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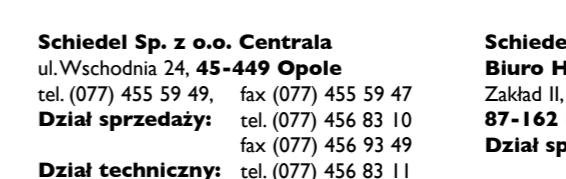
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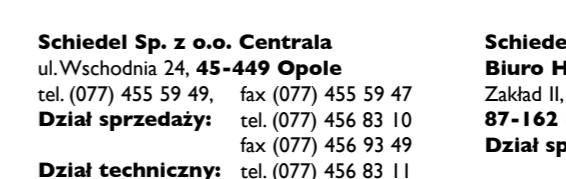
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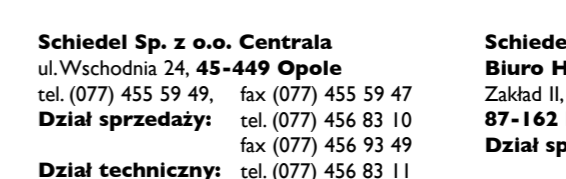
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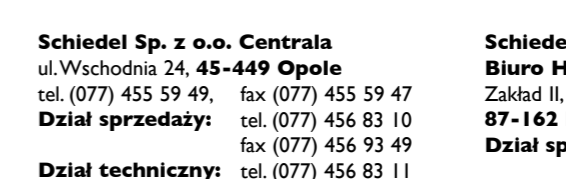
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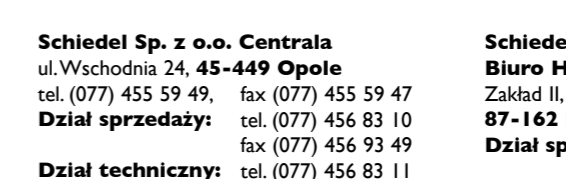
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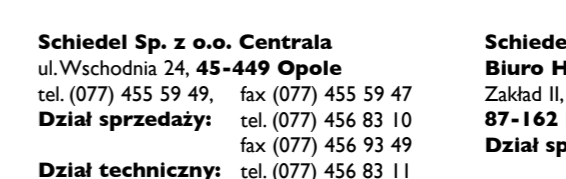
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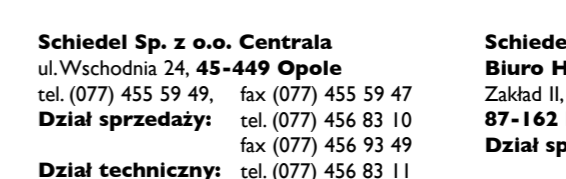
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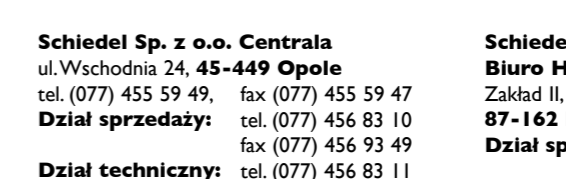
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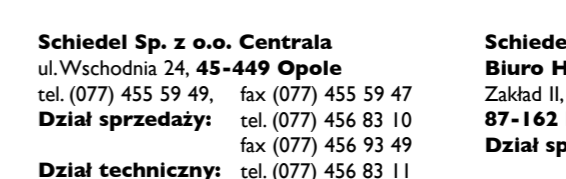
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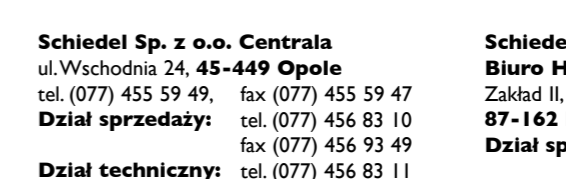
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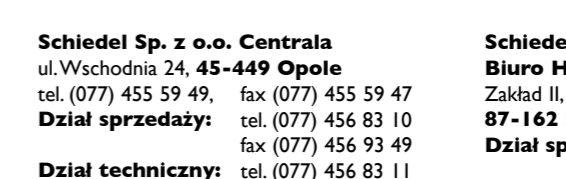
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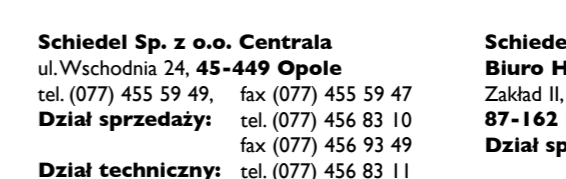
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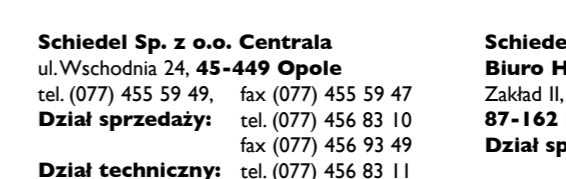
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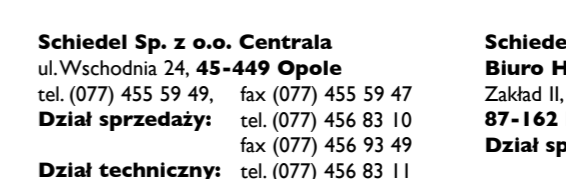
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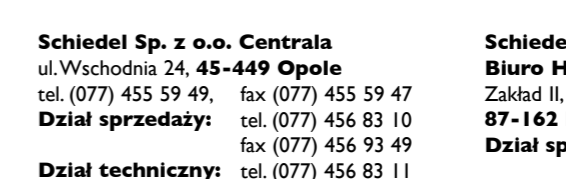
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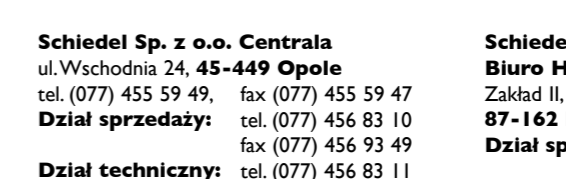
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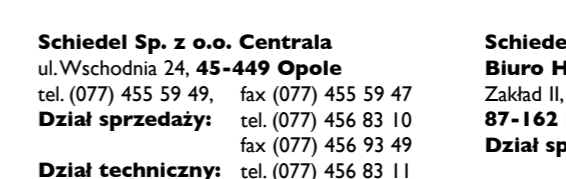
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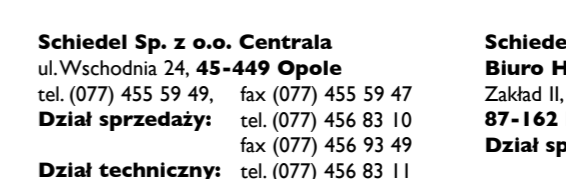
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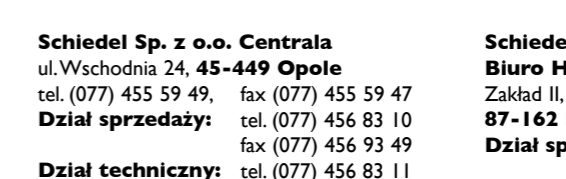
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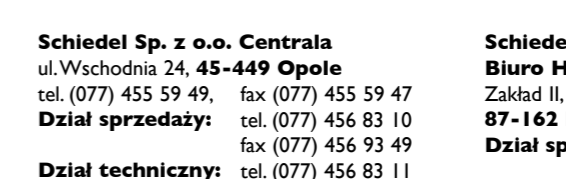
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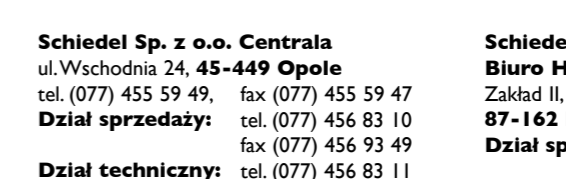
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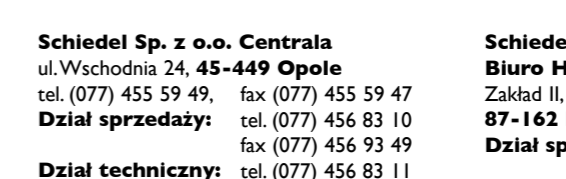
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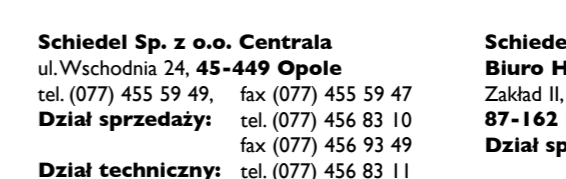
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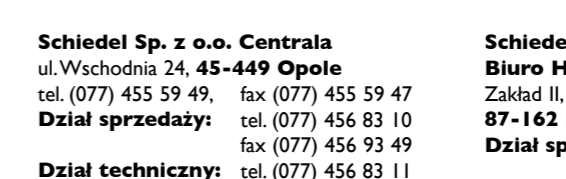
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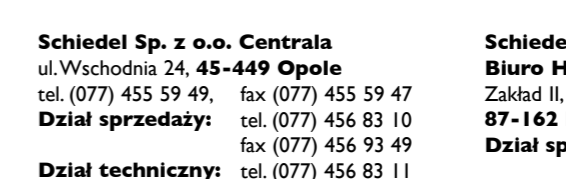
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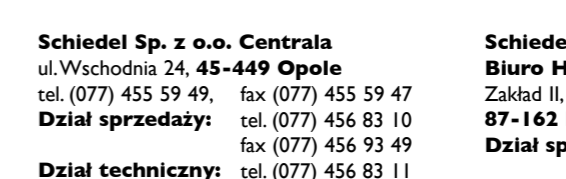
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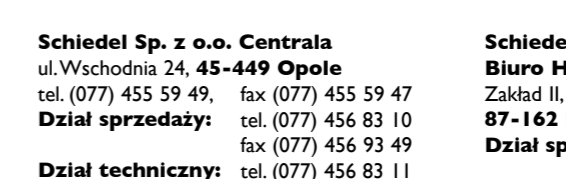
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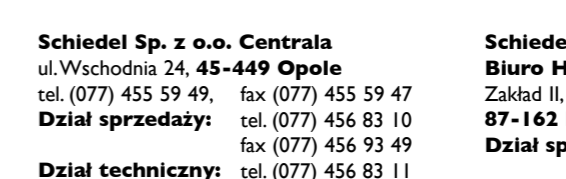
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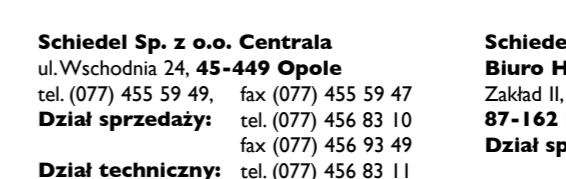
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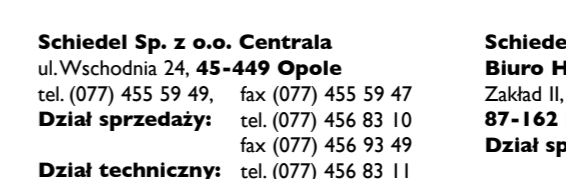
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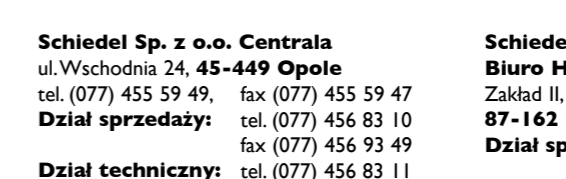
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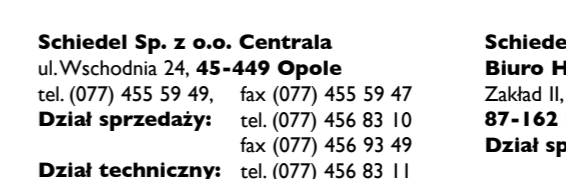
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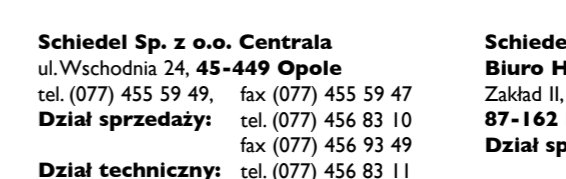
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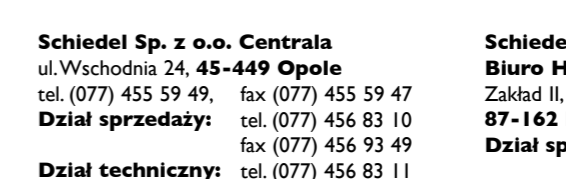
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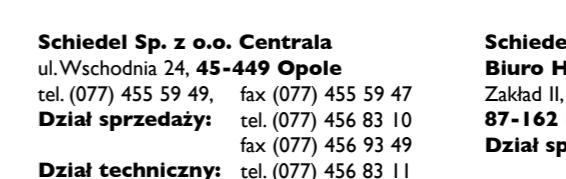
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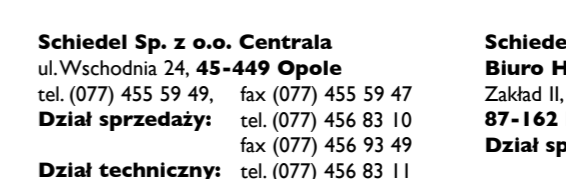
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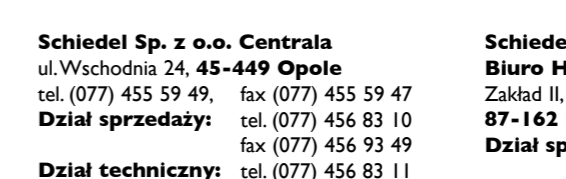
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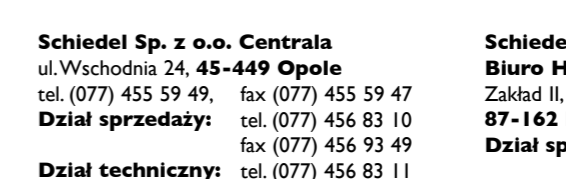
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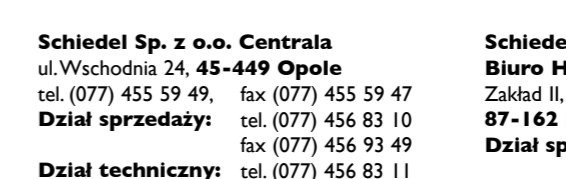
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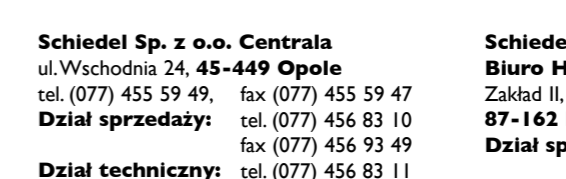
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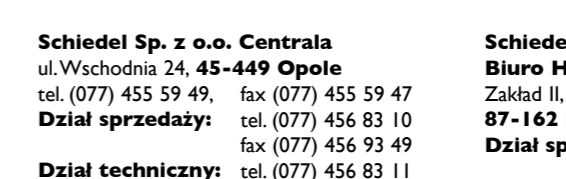
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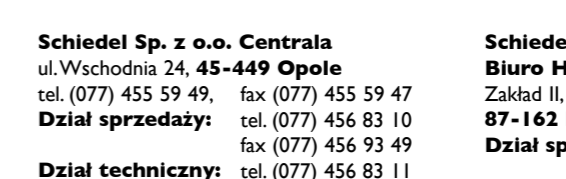
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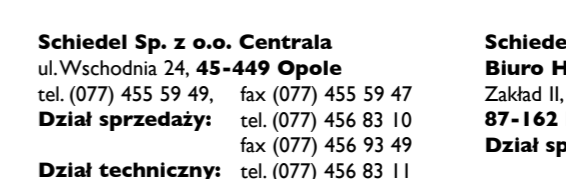
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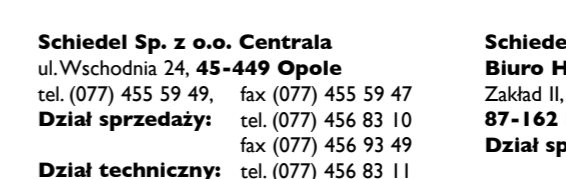
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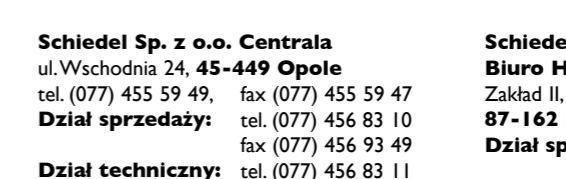
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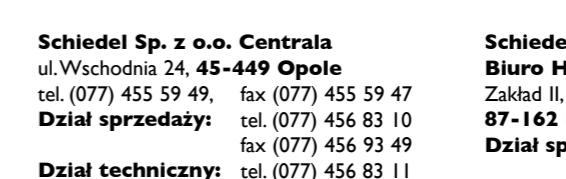
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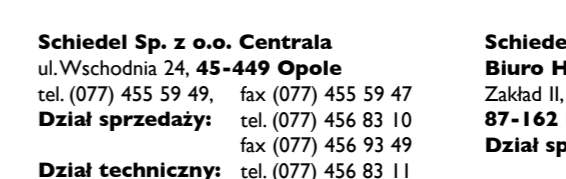
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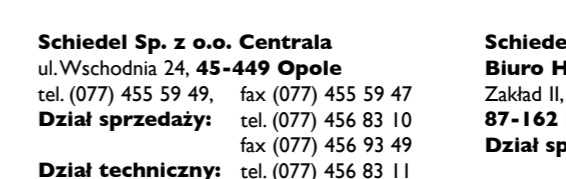
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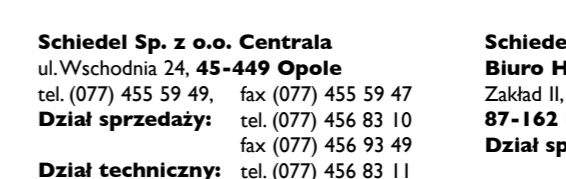
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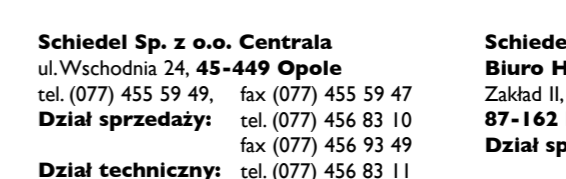
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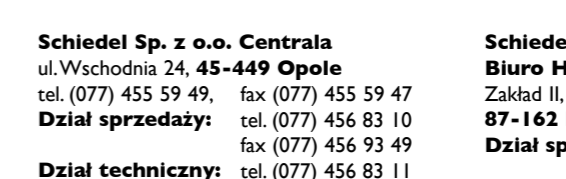
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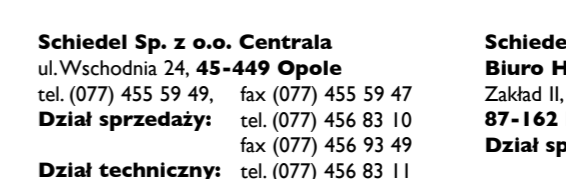
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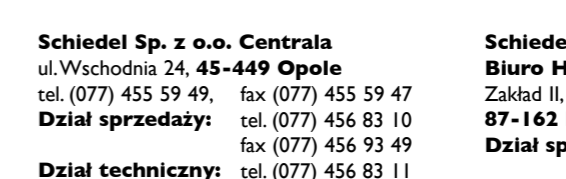
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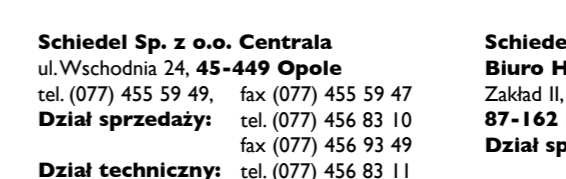
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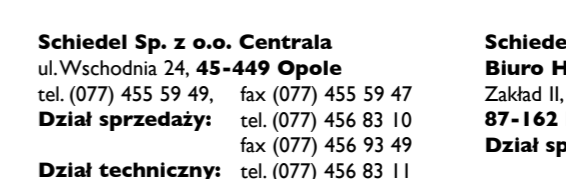
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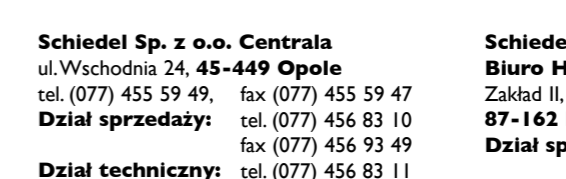
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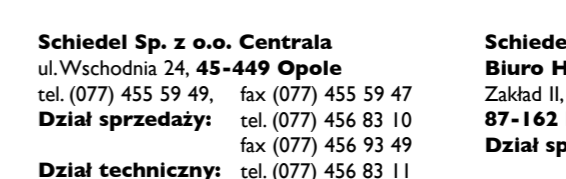
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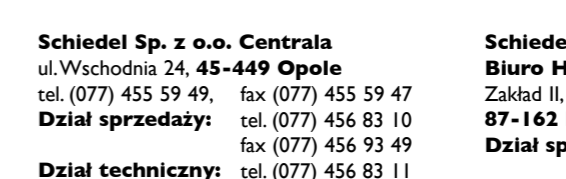
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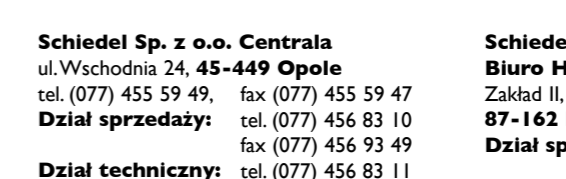
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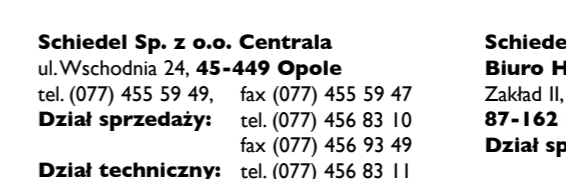
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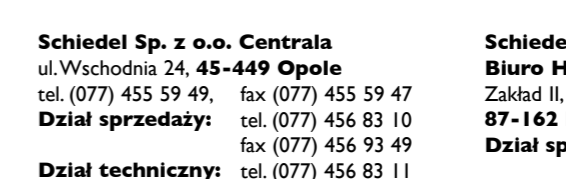
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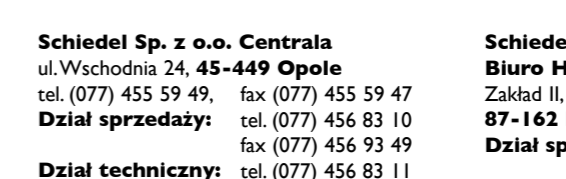
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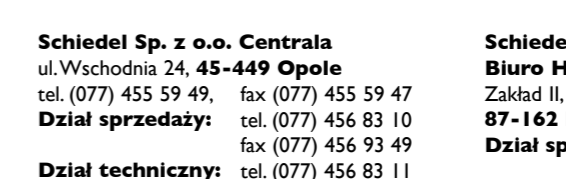
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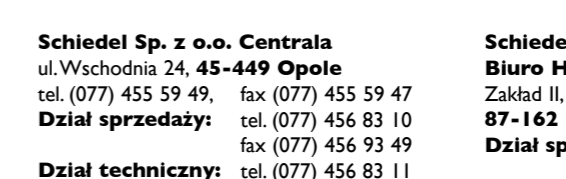
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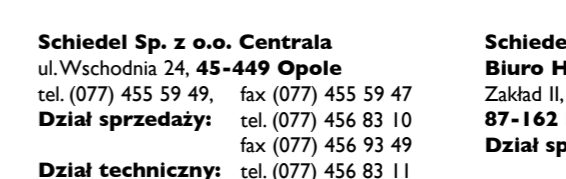
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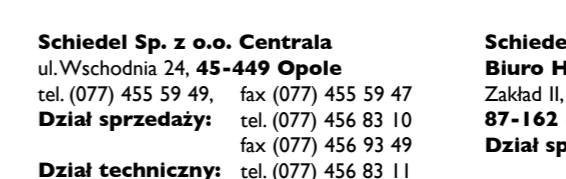
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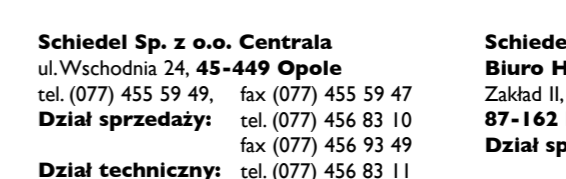
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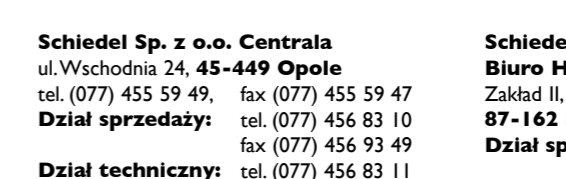
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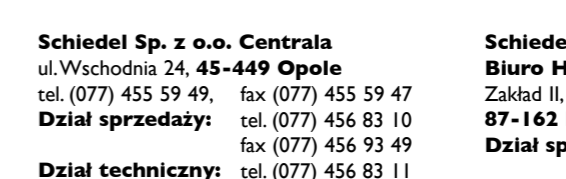
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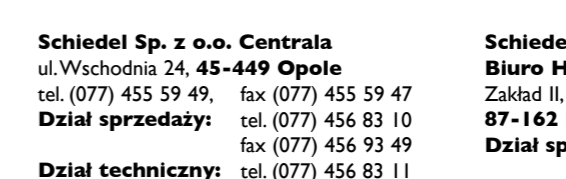
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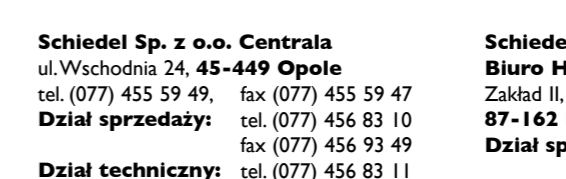
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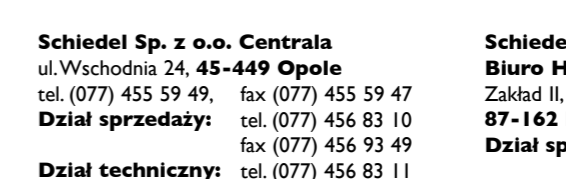
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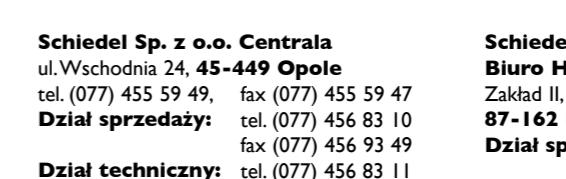
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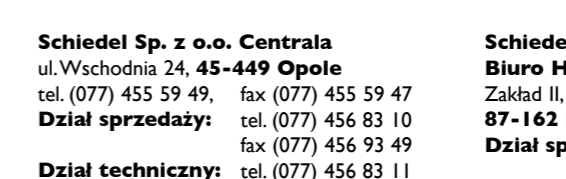
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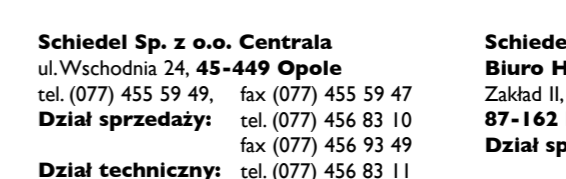
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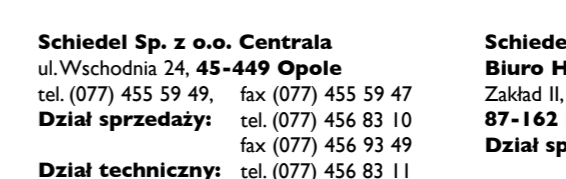
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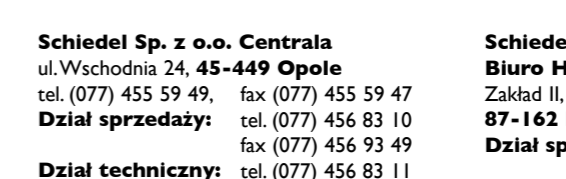
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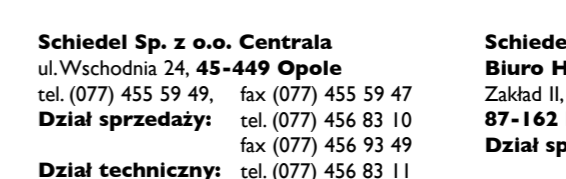
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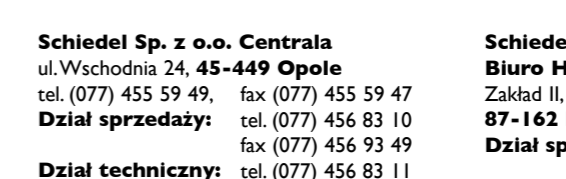
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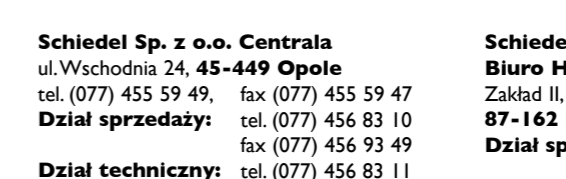
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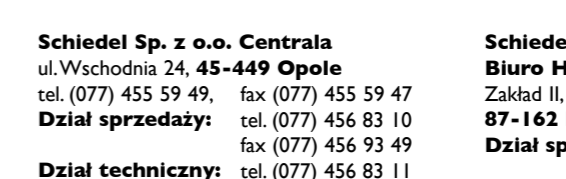
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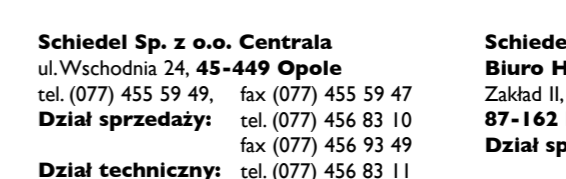
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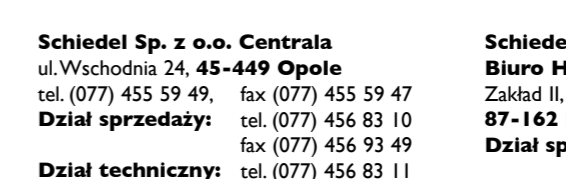
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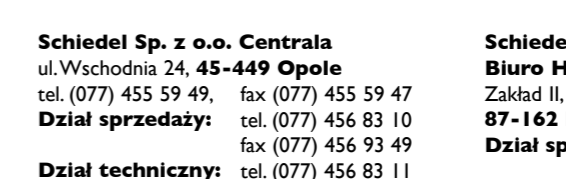
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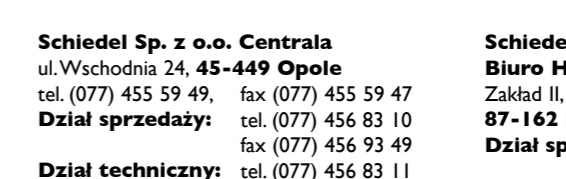
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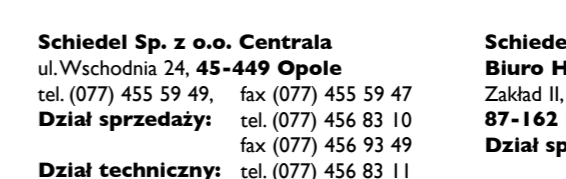
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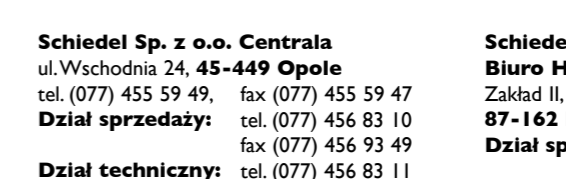
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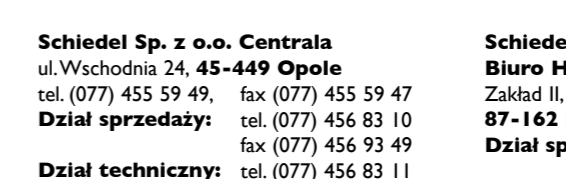
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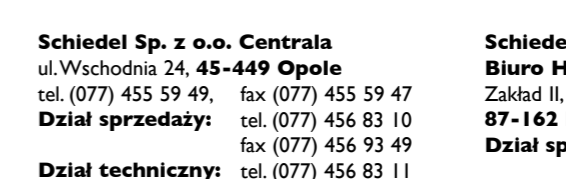
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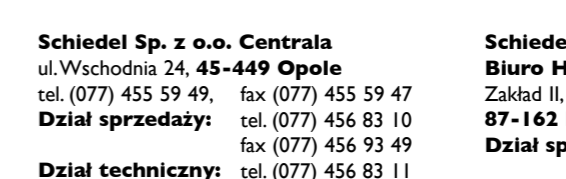
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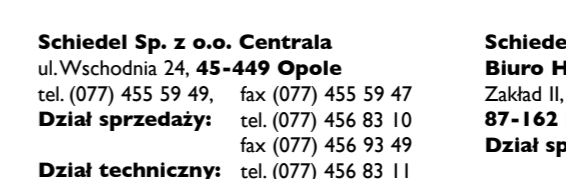
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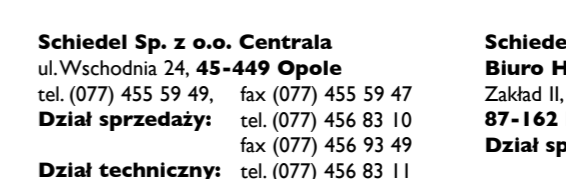
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Ochrona rąk



Ochrona twarzy



Ochrona ciała

